

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM497925

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Entegris, Inc.		11/06/2018	Corporation: DELAWARE
SAES Pure Gas, Inc.		11/06/2018	Corporation: CALIFORNIA
POCO Graphite, Inc.		11/06/2018	Corporation: DELAWARE

## RECEIVING PARTY DATA

<b>Name:</b>	Goldman Sachs Bank USA
<b>Street Address:</b>	200 West Street
<b>City:</b>	New York
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10282
<b>Entity Type:</b>	Bank: UNITED STATES

## PROPERTY NUMBERS Total: 125

Property Type	Number	Word Mark
Registration Number:	3293752	288-CONNECT
Registration Number:	2916452	ACCUTEK
Registration Number:	2487936	AUTOPOD
Registration Number:	4136601	BRIGHTPAK
Registration Number:	1547124	CHIPSENTRY
Registration Number:	3581065	CLARILITE
Registration Number:	3570379	CLARILITE CERTIFIED
Registration Number:	1962434	CRYSTALPAK
Registration Number:	2302492	CYNERGY
Registration Number:	2821739	DYMENSION
Registration Number:	2089727	FLARELOCK
Registration Number:	1612936	FLARETEK
Registration Number:	1777873	FLUOROLINE
Registration Number:	1400346	FLUOROPURE
Registration Number:	840431	FLUOROWARE
Registration Number:	1203551	GALTEK
Registration Number:	1848496	INTEGRA

OP \$3140.00 3293752

Property Type	Number	Word Mark
Registration Number:	2246592	INTELLIGEN
Registration Number:	5064942	INVUE
Registration Number:	4152464	LIQUIDLENS
Registration Number:	2259816	MAGNAFLO
Registration Number:	2861581	NOWTRAK
Registration Number:	3665066	PDMPAK
Registration Number:	2757580	PHASOR
Registration Number:	3209059	PHASOR
Registration Number:	4154799	PRIMELOCK
Registration Number:	3109383	PUREBOND
Registration Number:	1375854	PUREBOND
Registration Number:	1603754	QUIKGRIP
Registration Number:	3381763	SENTRY
Registration Number:	2799461	SMARTPROBE
Registration Number:	2823646	SMARTSTACK
Registration Number:	1760694	SOLOPAK
Registration Number:	1295784	STAT-PRO
Registration Number:	1558035	ULTRAPAK
Registration Number:	3038639	ATMI
Registration Number:	4384731	CREATING A MATERIAL ADVANTAGE
Registration Number:	2632533	
Registration Number:	4055167	
Registration Number:	4055166	ENTEGRIS
Registration Number:	2663647	ENTEGRIS
Registration Number:	2781845	AERONEX
Registration Number:	3133696	CHACOLLET
Registration Number:	2987954	CONNECTOLOGY
Registration Number:	2754326	ENCOMPASS
Registration Number:	534383	
Registration Number:	5172118	FLOWPLANE
Registration Number:	2062726	FLUOROGARD
Registration Number:	3766772	GATE KEEPER
Registration Number:	2736648	IMPACT
Registration Number:	2246593	IMPACT
Registration Number:	2704811	INTERCEPT
Registration Number:	3633626	LUMINOUSGARD
Registration Number:	4480147	OPTIMIZER
Registration Number:	2280990	PLANARGARD

Property Type	Number	Word Mark
Registration Number:	2826559	PROCESSGARD
Registration Number:	2849302	PROTEGO
Registration Number:	2923055	QUICKCHANGE
Registration Number:	2652151	RGEN
Registration Number:	2855931	RINSEGARD
Registration Number:	3898139	SAVANA
Registration Number:	4038850	SILVERSET
Registration Number:	3658600	TORRENTO
Registration Number:	1359089	WAFERGARD
Registration Number:	2810790	XCDA
Registration Number:	1782043	ACCUSIZER
Registration Number:	3310234	ATMI
Registration Number:	2796097	CHEMLOCK
Registration Number:	2461724	FACILI TORR
Registration Number:	1923143	REZOL
Registration Number:	2592589	FACILI TORR
Registration Number:	2101892	MONOTORR
Registration Number:	1773451	MEGA TORR
Registration Number:	2076185	MEGATORR
Registration Number:	2049741	MICRO TORR
Registration Number:	1960469	MICRO TORR
Registration Number:	2076171	MICROTORR
Registration Number:	2032173	
Registration Number:	2079823	MONO TORR
Registration Number:	1809014	MONO TORR
Registration Number:	1340333	NICOMP
Registration Number:	1524520	NOWPAK
Registration Number:	3104989	PLANARCAP
Registration Number:	2553822	POCOFOAM
Registration Number:	3133505	EDM-1
Registration Number:	3133510	EDM-2
Registration Number:	3133508	EDM-200
Registration Number:	3133507	EDM-3
Registration Number:	3136278	EDM-4
Registration Number:	3136279	EDM-AF5
Registration Number:	3133509	EDM-C200
Registration Number:	3136280	EDM-C3
Registration Number:	1617340	FABMATE

Property Type	Number	Word Mark
Registration Number:	4202108	FABMATE
Registration Number:	4464637	GLASSMATE
Registration Number:	1458022	GLASSMATE
Registration Number:	5042847	JOPPA27
Registration Number:	4885232	MEGAVAP
Registration Number:	4619933	NXTI
Registration Number:	4869220	PDS
Registration Number:	3963105	PLANARCLEAN
Registration Number:	2974322	PLANARCORE
Registration Number:	4037566	PLANARGEM
Registration Number:	2177776	POCO
Registration Number:	2177811	POCO
Registration Number:	2179828	POCO
Registration Number:	3121437	PROE-VAP
Registration Number:	3542410	REGENSI
Registration Number:	3445321	SAFE DELIVERY SOURCE
Registration Number:	2625475	SAGE
Registration Number:	2115190	SDS
Registration Number:	2205571	SDS
Registration Number:	1762413	SUPERSIC
Registration Number:	4533442	TITANKLEAN
Registration Number:	2628712	VAC
Registration Number:	3311534	VAC
Registration Number:	3155740	ZEE
Serial Number:	87275081	
Serial Number:	88106949	THE SCIENCE OF INNOVATION
Serial Number:	87319915	ASTERA
Serial Number:	87319867	PURASOL
Serial Number:	87521596	TRINZIK
Serial Number:	87923652	AZORA
Serial Number:	87559799	OKTOLEX
Serial Number:	87814571	PLANAREX

**CORRESPONDENCE DATA**

Fax Number: 8004947512

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

Phone: 202-370-4750

Email: ipteam@cogencyglobal.com

**Correspondent Name:** Joanna McCall  
**Address Line 1:** 1025 Vermont Ave NW, Suite 1130  
**Address Line 2:** COGENCY GLOBAL INC.  
**Address Line 4:** Washington, D.C. 20005

**ATTORNEY DOCKET NUMBER:** 1010959

**NAME OF SUBMITTER:** Connor Wise

**SIGNATURE:** /Connor Wise/

**DATE SIGNED:** 11/13/2018

**Total Attachments: 293**

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PATENT AND TRADEMARK SECURITY AGREEMENT dated as of November 6, 2018 (this "Agreement"), among ENTEGRIS, INC., a Delaware corporation, the OTHER GRANTORS from time to time party hereto and GOLDMAN SACHS BANK USA, as Collateral Agent.

Reference is made to (a) the Credit and Guaranty Agreement dated as of November 6, 2018 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Entegris Inc., a Delaware corporation (the "Company"), certain Subsidiaries of the Company party thereto, the Lenders party thereto and Goldman Sachs Bank USA, as Administrative Agent and Collateral Agent, and (b) the Pledge and Security Agreement referred to therein. The Lenders have agreed to extend credit to the Company subject to the terms and conditions set forth in the Credit Agreement. The Grantors party hereto are (or are Affiliates of) the Company, will derive substantial benefits from the extension of credit to the Company pursuant to the Credit Agreement and are willing to execute and deliver this Agreement in order to induce the Lenders to extend such credit or as consideration for credit previously extended continuing to be outstanding. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Each capitalized term used but not otherwise defined herein shall have the meaning specified in the Credit Agreement or the Collateral Agreement, as applicable. The rules of construction specified in Section 1.3 of the Credit Agreement also apply to this Agreement, mutatis mutandis.

SECTION 2. Grant of Security Interest. As security for the payment and performance in full of the Obligations, each Grantor pursuant to the Collateral Agreement did, and hereby does, grant to the Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest in all of such Grantor's right, title and interest in, to and under any and all of the following assets now owned or at any time hereafter acquired by such Grantor or in, to or under which such Grantor now has or at any time hereafter may acquire any right, title or interest (collectively, the "Patent and Trademark Collateral"):

(a) (i) all letters patent of the United States of America or the equivalent thereof in any other country, all registrations and recordings thereof and all applications for letters patent of the United States of America or the equivalent thereof in any other country or any political subdivision thereof, including registrations, recordings and pending applications in the United States Patent and Trademark Office or any similar offices in any other country or any political subdivision thereof, including, in the case of any Grantor, any of the foregoing set forth under its name on Schedule I hereto, and (ii) all reissues, continuations, divisionals, continuations-in-part, reexaminations, supplemental examinations, inter partes reviews, renewals, adjustments or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, have made, use, sell, offer to sell, import or export the inventions disclosed or claimed therein; and

(b) (i) all trademarks, service marks, trade names, corporate names, company names, business names, fictitious business names, trade styles, trade dress, logos, domain names, global top level domain names, other source or business identifiers, designs and

general intangibles of like nature, all registrations and recordings thereof, and all registration and recording applications filed in connection therewith, including registrations and registration applications in the United States Patent and Trademark Office or any similar office in any State of the United States of America or any other country or any political subdivision thereof, all extensions or renewals thereof, and all common law rights related thereto, including, in the case of any Grantor, any of the foregoing set forth under its name on Schedule II hereto, (ii) all goodwill associated therewith or symbolized thereby and (iii) all other assets, rights and interests that uniquely reflect or embody such goodwill.

SECTION 3. Collateral Agreement. The security interests granted to the Collateral Agent herein are granted in furtherance of, and not in limitation of, the security interests granted to the Collateral Agent pursuant to the Collateral Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the Patent and Trademark Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 4. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this Agreement by fax, emailed pdf or any other electronic means that reproduces an image of the actual executed signature page shall be effective as delivery of a manually executed counterpart of this Agreement.

SECTION 5. Incorporation by Reference. The provisions of Sections 6.02, 6.04, 6.05, 6.08, 6.09 and 6.10 of the Collateral Agreement are hereby incorporated by reference herein as if set forth in full force herein, mutatis mutandis.

*[Signature Page Follows]*

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

**ENTEGRIS, INC.,**

Grantor

By: 

Name: Gregory B. Graves

Title: Executive Vice President, Chief Financial Officer & Treasurer

**SAES PURE GAS, INC.**

**POCO GRAPHITE, INC.,**

each a Grantor

By: 

Name: Gregory B. Graves

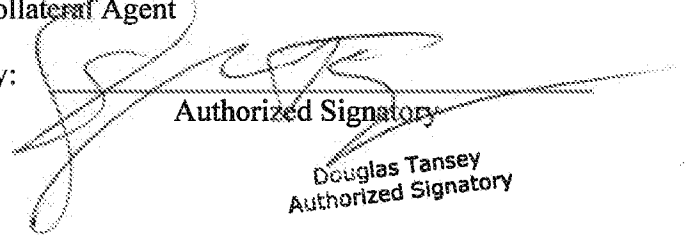
Title: Vice President & Treasurer

[Signature Page to Patent and Trademark Security Agreement]

**TRADEMARK**  
**REEL: 006536 FRAME: 0574**

**GOLDMAN SACHS BANK USA, as  
Collateral Agent**

By:



Authorized Signatory

Douglas Tansey  
Authorized Signatory

[Signature Page to Patent and Trademark Security Agreement]

[[3878305]]

**TRADEMARK  
REEL: 006536 FRAME: 0575**

SCHEDULE I  
PATENTS OWNED

**Patents**

<b>Registered Owner</b>	<b>Title</b>	<b>Registration Number</b>	<b>Date Filed</b>
Entegris, Inc.	Connector Apparatus and System Including Connector Apparatus (LHVD Connectology, Intelligen 2, RGEN, IntelliGen Mini, Impact, Panelgard 1-2-3)	7021667.0	5/16/2003
Entegris, Inc.	Connector Apparatus and System Including Connector Apparatus (LHVD Connectology, Intelligen 2, RGEN, IntelliGen Mini, Impact, Panelgard 1-2-3)	7037424.0	1/28/2005
Entegris, Inc.	Connector Apparatus and System Including Connector Apparatus (LHVD Connectology, Intelligen 2, RGEN, IntelliGen Mini, Impact, Panelgard 1-2-3)	7296582.0	2/10/2005
Entegris, Inc.	PRESSURE SENSOR MODULE HAVING NON-CONTAMINATING BODY AND ISOLATION MEMBER (NT products)	N/A	10/14/1998
Entegris, Inc.	PRESSURE SENSOR MODULE HAVING NON-CONTAMINATING BODY AND ISOLATION MEMBER (NT products)	389188.0	10/14/1998
Entegris, Inc.	Ammonium borate containing compositions for stripping residues from semiconductor substrates	6875733.0	10/14/1998
Entegris, Inc.	PRESSURE SENSOR MODULE HAVING NON-CONTAMINATING BODY AND ISOLATION MEMBER (NT products)	1036309.0	10/14/1998
Entegris, Inc.	WAFER CONTAINER WITH MINIMAL CONTACT, WAFER	1010321.0	10/15/1998



Registered Owner	Title	Registration Number	Date Filed
	CONTAINER WITH MINIMAL CONTACT		
SAES Pure Gas, Inc	Safety system for gas purifier	6168645.0	10/15/1998
Entegris, Inc.	AUTOMATIC DILUTION SYSTEM FOR HIGH-RESOLUTION PARTICLE SIZE ANALYSIS	6211956.0	10/15/1998
Entegris, Inc.	WAFER CONTAINER WITH MINIMAL CONTACT, WAFER CONTAINER WITH MINIMAL CONTACT	1303138.0	10/16/1998
Entegris, Inc.	Surface Modified Porous Membrane and Process (QuickChange)	6273271.0	10/19/1998
Entegris, Inc.	WAFER CONTAINER WITH MINIMAL CONTACT, WAFER CONTAINER WITH MINIMAL CONTACT	81942.0	10/20/1998
Entegris, Inc.	WAFER CONTAINER WITH MINIMAL CONTACT, WAFER CONTAINER WITH MINIMAL CONTACT	ZL981224393	10/20/1998
Entegris, Inc.	WAFER CONTAINER WITH MINIMAL CONTACT, WAFER CONTAINER WITH MINIMAL CONTACT	830654.0	10/20/1998
Entegris, Inc.	WAFER CARRIER BOX HINGE	6000550.0	11/4/1998
Entegris, Inc.	ADVANCED WAFER SHIPPER (Crystal Pak)	5992638.0	11/11/1998
Entegris, Inc.	Amorphously deposited metal oxide ceramic films	6713797.0	11/23/1998
Entegris, Inc.	BLOW MOLDED DRUM	1051333.0	12/1/1998
Entegris, Inc.	BLOW MOLDED DRUM	1051333.0	12/1/1998
Entegris, Inc.	BLOW MOLDED DRUM	4454851.0	12/1/1998
Entegris, Inc.	Low temperature CVD processes for preparing ferroelectric films using Bi alcoxides	6500489.0	12/9/1998
Entegris, Inc.	Method of controlled chemical vapor deposition of a metal oxide ceramic layer	6787186.0	12/14/1998
Entegris, Inc.	Selective silicon oxide etchant formulation including fluoride salt, chelating agent, and glycol solvent	6280651.0	12/16/1998

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Selective silicon oxide etchant formulation including fluoride salt, chelating agent, and glycol solvent	10-0607530	12/16/1998
Entegris, Inc.	Article comprising a capacitor with non-perovskite Sr-Ba-Ti oxide dielectric thin film	6277436.0	12/18/1998
Entegris, Inc.	Sputtering process for the conformal deposition of a metallization or insulating layer	6100200.0	12/21/1998
Entegris, Inc.	INDIUM SOURCE REAGENT COMPOSITIONS, AND USE THEREOF FOR DEPOSITION OF INDIUM-CONTAINING FILMS ON SUBSTRATES AND ION IMPLANTATION...	6204402.0	12/22/1998
SAES Pure Gas, Inc	Safety system for gas purifier	TW422727B	12/23/1998
SAES Pure Gas, Inc	Semiconductor manufacturing system with getter safety device	TW446992B	12/23/1998
Entegris, Inc.	CLIPLESS TRAY	6079565.0	12/28/1998
Entegris, Inc.	DOOR GUIDE FOR A WAFER CONTAINER	6206196.0	1/6/1999
Entegris, Inc.	DOOR GUIDE FOR A WAFER CONTAINER	6464081.0	3/26/2001
Entegris, Inc.	Method for Manufacturing Hollow Fiber Membranes (pHasor)	6663745.0	1/28/2000
Entegris, Inc.	Method for Manufacturing Hollow Fiber Membranes (pHasor)	4514959.0	1/28/2000
Entegris, Inc.	Liquid chemical dispensing system with a key code ring for connecting the proper chemical to the proper attachment	10-0705370	2/2/1999
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE/JP	5882282.0	3/28/2007
Entegris, Inc.	CONTAINMENT SYSTEM (Dispense Head)	4306857.0	2/16/1999
Entegris, Inc.	CONTAINMENT SYSTEM (Dispense Head)	885068.0	2/18/1999
Entegris, Inc.	SCALABLE LEAD ZIRCONIUM TITANATE (PZT) THIN FILM MATERIAL AND DEPOSITION METHOD, AND FERROELECTRIC MEMORY	6316797.0	2/19/1999

Registered Owner	Title	Registration Number	Date Filed
	DEVICE STRUCTURES COMPRISING SUCH THIN FILM		
Entegris, Inc.	SCALABLE LEAD ZIRCONIUM TITANATE (PZT) THIN FILM MATERIAL AND DEPOSITION METHOD, AND FERROELECTRIC MEMORY DEVICE STRUCTURES COMPRISING SUCH THIN FILM	7862857.0	4/27/2010
Entegris, Inc.	Housing (PANELGARD)/JP	3150265.0	2/20/2009
Entegris, Inc.	Liquid chemical dispensing system with a key code ring for connecting the proper chemical to the proper attachment	138233.0	3/2/1999
Entegris, Inc.	SCALABLE LEAD ZIRCONIUM TITANATE (PZT) THIN FILM MATERIAL AND DEPOSITION METHOD, AND FERROELECTRIC MEMORY DEVICE STRUCTURES COMPRISING SUCH THIN FILM	7344589.0	1/10/2006
Entegris, Inc.	SMIF CONTAINER INCLUDING A RETICLE SUPPORT STRUCTURE	6216873.0	3/19/1999
Entegris, Inc.	Liquid chemical dispensing system with pressurization	6206240.0	3/23/1999
SAES Pure Gas, Inc	PROCESS FOR THE REMOVAL OF WATER FROM EVACUATED CHAMBERS OR FROM GASES	SG73634A1	4/16/1999
Entegris, Inc.	SCALABLE LEAD ZIRCONIUM TITANATE (PZT) THIN FILM MATERIAL AND DEPOSITION METHOD, AND FERROELECTRIC MEMORY DEVICE STRUCTURES COMPRISING SUCH THIN FILM	8501976.0	12/23/2010
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	6089027.0	4/28/1999
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	69506.0	4/28/1999

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	10-0416424	4/28/1999
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	EP1000291	4/28/1999
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	EP1000291	4/28/1999
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	EP1000291	4/28/1999
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	EP1000291	4/28/1999
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	EP1000291	4/28/1999
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	4108142.0	4/28/1999
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	4615942.0	4/28/1999
Entegris, Inc.	FLUID STORAGE AND GAS DISPENSING SYSTEM	5015181.0	4/28/1999
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	5373015.0	4/28/1999
Entegris, Inc.	Method of and system for sub-atmospheric gas delivery with backflow control	6155289.0	5/7/1999
SAES Pure Gas, Inc	Process for the removal of water from evacuated chambers or from gases	6304367.0	5/20/1999
Entegris, Inc.	STORAGE AND DELIVERY SYSTEM FOR GASEOUS HYDRIDE, HALIDE AND ORGANOMETALLIC GROUP V COMPOUNDS	I-228260	5/20/1999
SAES Pure Gas, Inc	From the decompression chamber or removes the water from the gas the manner	3510986.0	5/21/1999

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	STORAGE AND DELIVERY SYSTEM FOR GASEOUS HYDRIDE, HALIDE AND ORGANOMETALLIC GROUP V COMPOUNDS	139782.0	5/21/1999
Entegris, Inc.	SORBENT-BASED GAS STORAGE AND DELIVERY SYSTEM FOR DISPENSING HIGH-PURITY GAS	10-0641087	5/21/1999
Entegris, Inc.	SORBENT-BASED GAS STORAGE AND DELIVERY SYSTEM FOR DISPENSING HIGH-PURITY GAS	4705240.0	5/21/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	6428729.0	5/25/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	NI-130761	5/28/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	2338924.0	5/27/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,/SG	87036.0	5/27/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	19964317.2	5/27/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	19924182.1	5/27/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	1308059.0	5/28/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	9906774.0	5/28/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	6808668.0	8/5/2002
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	ZL991076672	5/28/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	4150465.0	5/28/1999
Entegris, Inc.	DIFFUSER (Chambergard)/JP	3152647.0	5/28/2009
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	ZL 200410011435.2	5/28/1999
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	543875.0	6/1/1999
Entegris, Inc.	CHEMICAL DELIVERY SYSTEM HAVING PURGE SYSTEM	77354.0	6/4/1999

Registered Owner	Title	Registration Number	Date Filed
	UTILIZING MULTIPLE PURGE TECHNIQUES		
Entegris, Inc.	CHEMICAL DELIVERY SYSTEM HAVING PURGE SYSTEM UTILIZING MULTIPLE PURGE TECHNIQUES	10-0625865	6/4/1999
Entegris, Inc.	CHEMICAL DELIVERY SYSTEM HAVING PURGE SYSTEM UTILIZING MULTIPLE PURGE TECHNIQUES	EP1102947	6/4/1999
Entegris, Inc.	CHEMICAL DELIVERY SYSTEM HAVING PURGE SYSTEM UTILIZING MULTIPLE PURGE TECHNIQUES	1102947.0	6/4/1999
Entegris, Inc.	CHEMICAL DELIVERY SYSTEM HAVING PURGE SYSTEM UTILIZING MULTIPLE PURGE TECHNIQUES	1102947.0	6/4/1999
Entegris, Inc.	CHEMICAL DELIVERY SYSTEM HAVING PURGE SYSTEM UTILIZING MULTIPLE PURGE TECHNIQUES	4598952.0	6/4/1999
Entegris, Inc.	BULK CHEMICAL DELIVERY SYSTEM	6047744.0	6/8/1999
SAES Pure Gas, Inc	Integrated heated getter purifier system	6299670.0	6/10/1999
Entegris, Inc.	SYSTEM FOR DELIVERY OF MULTIPLE CHEMICALS TO A PROCESS TOOL	77919.0	6/30/1999
Entegris, Inc.	SYSTEM FOR DELIVERY OF MULTIPLE CHEMICALS TO A PROCESS TOOL	1093558.0	6/30/1999
Entegris, Inc.	SYSTEM FOR DELIVERY OF MULTIPLE CHEMICALS TO A PROCESS TOOL	1093558.0	6/30/1999
Entegris, Inc.	SYSTEM FOR DELIVERY OF MULTIPLE CHEMICALS TO A PROCESS TOOL	10-0628856	6/30/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER	6267245.0	7/8/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER	ZL998099503	7/9/1999

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	CUSHIONED WAFER CONTAINER	78624.0	7/9/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER	843732.0	7/9/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER	4847374.0	7/9/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER	5185417.0	7/9/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER/IT	1133437.0	7/9/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER/GB	1133437.0	7/9/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER	1133437.0	7/9/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER/DE	1133437.0	7/9/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER/FR	1133437.0	7/9/1999
Entegris, Inc.	CUSHIONED WAFER CONTAINER/NL	1133437.0	7/9/1999
Entegris, Inc.	Auto-switching gas delivery system utilizing sub-atmospheric pressure gas supply vessels	6302139.0	7/16/1999
Entegris, Inc.	Connector Apparatus and System Including Connector Apparatus (LHVD Connectology, Intelligen 2, RGEN, IntelliGen Mini, Impact, Panelgard 1-2-3)	NI-143599	7/28/1999
Entegris, Inc.	PROCESS FOR FABRICATING A SORBENT-BASED GAS STORAGE AND DISPENSING SYSTEM, UTILIZING SORBENT MATERIAL PRETREATMENT	191861.0	8/5/1999
SAES Pure Gas, Inc	Rejuvenable ambient temperature purifier	6521192.0	8/6/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	79433.0	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	1105203.0	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	69914491.4-08	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	1105203.0	8/20/1999

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	1105203.0	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	1105203.0	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	1105203.0	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS (Silverset)	1105203.0	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS (Silverset)/IE	1105203.0	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	7022164.0	8/25/2003
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	10-0639280	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	4575596.0	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS (Silverset)/IE	EP1402943	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS (Silverset)/FR	EP1402943	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS (Silverset)/DE	EP1402943	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS (Silverset)/IT	EP1402943	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS (Silverset)/NL	EP1402943	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS (Silverset)/GB	EP1402943	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS	EP1402943	8/20/1999
Entegris, Inc.	FILTERS EMPLOYING POROUS STRONGLY ACIDIC POLYMERS (Silverset)/BE	EP1402943	8/20/1999
Entegris, Inc.	PROCESS FOR FABRICATING A SORBENT-BASED GAS	10-0618072	8/30/1999



Registered Owner	Title	Registration Number	Date Filed
	STORAGE AND DISPENSING SYSTEM, UTILIZING SORBENT MATERIAL PRETREATMENT		
SAES Pure Gas, Inc	SEMICONDUCTOR MANUFACTURING SYSTEM WITH GETTER SAFETY DEVICE	118196.0	10/10/1998
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	D124541	10/2/2007
Entegris, Inc.	Filtration Module Including Unitary Filter Cartridge-Bowl Construction (Chemlock)	NI-140210	10/8/1999
Entegris, Inc.	Planarization composition for removing metal films	6267909.0	10/12/1999
Entegris, Inc.	Housing Design With Twist Ring To Engage And Disengage Bowl Or Bowl Assembly (Chemlock)	6635175.0	6/28/2001
Entegris, Inc.	FLUID PRESSURE DRIVEN PUMP	4354592.0	11/11/1999
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	6194366.0	11/16/1999
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	6492308.0	6/6/2000
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	6723691.0	2/12/2001
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	124870.0	11/26/1999
Entegris, Inc.	SLEEVE (Virgo) (POU Filter WEG)/JP	3158110.0	11/30/2009
Entegris, Inc.	Filtration Cartridge and Process for Filtering a Slurry	P69907726.5	12/2/1999
Entegris, Inc.	Filtration Cartridge and Process for Filtering a Slurry	1135200.0	12/2/1999
Entegris, Inc.	Filtration Cartridge and Process for Filtering a Slurry	7247245.0	12/2/1999
Entegris, Inc.	P-172	6268229.0	12/14/1999
Entegris, Inc.	Low temperature process for high density thin film integrated capacitors and amorously frustrated ferroelectric materials therefor	6348705.0	12/22/1999

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Optimizer Filter and Manifold	D513304 S	8/3/2000
Entegris, Inc.	COMPONENT TO COMPONENT SEALING METHOD AND APPARATUS (Flaremount)	P10085364.1	12/29/2000
Entegris, Inc.	CHEMICAL DELIVERY SYSTEM HAVING PURGE SYSTEM UTILIZING MULTIPLE PURGE TECHNIQUES	6192919.0	12/30/1999
Entegris, Inc.	Multi-component mixtures for manufacturing of in situ doped borophosphosilicate	6228159.0	12/30/1999
Entegris, Inc.	Self-regenerative process for contaminant removal from liquid and supercritical Co2 fluid streams	6361696.0	1/19/2000
Entegris, Inc.	Skinned Hollow Fiber Membrane and Method of Manufacture (pHasor)	NI-156078	1/28/2000
Entegris, Inc.	Hollow Fiber Membrane Contactor (pHasor) (Project No. 313)	NI-177424	1/28/2000
Entegris, Inc.	Skinned Hollow Fiber Membrane and Method of Manufacture (pHasor)	82197.0	1/27/2000
Entegris, Inc.	Microporous Hollow Fiber Membranes from Perfluorinated Thermoplastic Fibers (Submarine Fibers) (pHasor and Fluorline HF)	81826.0	1/27/2000
Entegris, Inc.	Skinned Hollow Fiber Membrane and Method of Manufacture (pHasor)	6977043.0	3/17/2004
Entegris, Inc.	Microporous Hollow Fiber Membranes from Perfluorinated Thermoplastic Fibers (Submarine Fibers) (pHasor and Fluorline HF)	10-0686676	1/27/2000
Entegris, Inc.	Microporous Hollow Fiber Membranes from Perfluorinated Thermoplastic Fibers (Submarine Fibers) (pHasor and Fluorline HF)	1144097.0	1/27/2000
Entegris, Inc.	Skinned Hollow Fiber Membrane and Method of Manufacture (pHasor)	10-0901050	1/27/2000
Entegris, Inc.	Microporous Hollow Fiber Membranes from Perfluorinated Thermoplastic Fibers (Submarine Fibers) (pHasor and Fluorline HF)	4447790.0	1/27/2000
Entegris, Inc.	Microporous Hollow Fiber Membranes from Perfluorinated	NI-150580	1/28/2000

Registered Owner	Title	Registration Number	Date Filed
	Thermoplastic Fibers (Submarine Fibers) (pHasor and Fluorline HF)		
Entegris, Inc.	A Perfluorinated Thermoplastic Filter Cartridge	NI-158926	1/28/2000
Entegris, Inc.	Method for Manufacturing Hollow Fiber Membranes (pHasor)	82481.0	1/28/2000
Entegris, Inc.	Hollow Fiber Membrane Contactor (pHasor) (Project No. 313)	81827.0	1/28/2000
Entegris, Inc.	A Perfluorinated Thermoplastic Filter Cartridge	82202 (WO 00/44485)	1/28/2000
Entegris, Inc.	Hollow Fiber Membrane Contactor (pHasor) (Project No. 313)	6805731.0	3/6/2003
Entegris, Inc.	A Perfluorinated Thermoplastic Filter Cartridge/DE	60024966.2-08	1/28/2000
Entegris, Inc.	A Perfluorinated Thermoplastic Filter Cartridge	607021.0	1/28/2000
Entegris, Inc.	Method for Manufacturing Hollow Fiber Membranes (pHasor)	I260240	1/28/2000
Entegris, Inc.	Hollow Fiber Membrane Contactor (pHasor) (Project No. 313)	816232.0	1/28/2000
Entegris, Inc.	A Perfluorinated Thermoplastic Filter Cartridge	7347937.0	1/28/2000
Entegris, Inc.	Hollow Fiber Membrane Contactor (pHasor) (Project No. 313)	5093941.0	1/28/2000
Entegris, Inc.	A Perfluorinated Thermoplastic Filter Cartridge	5329730.0	1/28/2000
Entegris, Inc.	SCALABLE LEAD ZIRCONIUM TITANATE (PZT) THIN FILM MATERIAL AND DEPOSITION METHOD, AND FERROELECTRIC MEMORY DEVICE STRUCTURES COMPRISING SUCH THIN FILM	6984417.0	8/1/2001
Entegris, Inc.	SCALABLE LEAD ZIRCONIUM TITANATE (PZT) THIN FILM MATERIAL AND DEPOSITION METHOD, AND FERROELECTRIC MEMORY DEVICE STRUCTURES COMPRISING SUCH THIN FILM	5329709.0	2/18/2000
Entegris, Inc.	SCALABLE LEAD ZIRCONIUM TITANATE (PZT) THIN FILM MATERIAL AND DEPOSITION	5797230.0	2/18/2000

Registered Owner	Title	Registration Number	Date Filed
	METHOD, AND FERROELECTRIC MEMORY DEVICE STRUCTURES COMPRISING SUCH THIN FILM		
Entegris, Inc.	Filtration Cartridge and Process for Filtering a Slurry	NI-146785	3/9/2000
Entegris, Inc.	Fluid storage and dispensing system featuring interiorly disposed and exteriorly adjustable regulator for high flow dispensing of gas	6257000.0	3/22/2000
Entegris, Inc.	BLOW MOLDED DRUM	7156254.0	9/21/2001
Entegris, Inc.	Liquid delivery system comprising upstream pressure control means	6245151.0	7/17/1998
Entegris, Inc.	Silicon reagents and low temperature CVD method of forming silicon-containing gate dielectric materials using same	6736993.0	4/18/2000
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	6343476.0	4/19/2000
Entegris, Inc.	DOUBLE DIAPHRAGM PRECISION THROTTLING VALVE (Worked in 6500 and 6510)	RE42401	11/25/2003
SAES Pure Gas, Inc	GASKET FOR SEGMENTED PIPE COUPLINGS	1024195.0	5/24/2000
SAES Pure Gas, Inc	INTEGRATED HEATED GETTER PURIFIER SYSTEM	100483039.0	6/8/2000
SAES Pure Gas, Inc	Integrated heated getter purifier system	CN1201849C	6/8/2000
SAES Pure Gas, Inc	INTEGRATED HEATED GETTER PURIFIER SYSTEM	1198281.0	6/8/2000
SAES Pure Gas, Inc	One somatotype heating getter refinement vessel system	5039262.0	6/8/2000
Entegris, Inc.	Improvement to Wafergard (Utility Model)/JP	3162149.0	6/11/2010
Entegris, Inc.	Stable hydride source compositions for manufacture of semiconductor devices and structures	6319565.0	6/26/2000
Entegris, Inc.	TRANSPORT MODULE WITH LATCHING DOOR, TRANSPORT MODULE WITH LATCHING DOOR	811582.6	7/6/2000

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	TRANSPORT MODULE WITH LATCHING DOOR, TRANSPORT MODULE WITH LATCHING DOOR	6945405.0	7/6/2000
Entegris, Inc.	TRANSPORT MODULE WITH LATCHING DOOR, TRANSPORT MODULE WITH LATCHING DOOR	747041.0	7/6/2000
Entegris, Inc.	TRANSPORT MODULE WITH LATCHING DOOR, TRANSPORT MODULE WITH LATCHING DOOR	4549595.0	7/6/2000
SAES Pure Gas, Inc	With hydrogen gas adsorbing and filtering integrated device gas purification system	1147346.0	7/12/2000
SAES Pure Gas, Inc	GAS PURIFICATION SYSTEM WITH AN INTEGRATED HYDROGEN SORPTION AND FILTER ASSEMBLY	6733571.0	7/12/2000
Entegris, Inc.	WAFER CONTAINER WITH MINIMAL CONTACT, WAFER CONTAINER WITH MINIMAL CONTACT	6776289.0	3/13/2000
SAES Pure Gas, Inc	GAS PURIFICATION SYSTEM WITH AN INTEGRATED HYDROGEN SORPTION AND FILTER ASSEMBLY	1242165.0	7/12/2000
SAES Pure Gas, Inc	Gas cleaning apparatus with integrated adsorption medium - and filtering device	60041778.0	7/12/2000
Entegris, Inc.	Filtration Module Including Unitary Filter Cartridge-Bowl Construction (Chemlock)	8070945.0	6/27/2008
Entegris, Inc.	Auto-switching gas delivery system utilizing sub-atmospheric pressure gas supply vessels	ZL 00 8 10432.8	7/14/2000
Entegris, Inc.	Auto-switching gas delivery system utilizing sub-atmospheric pressure gas supply vessels	10-0666424	7/14/2000
Entegris, Inc.	Auto-switching gas delivery system utilizing sub-atmospheric pressure gas supply vessels	4666856.0	7/14/2000

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Auto-switching gas delivery system utilizing sub-atmospheric pressure gas supply vessels	1229990.0	7/14/2000
Entegris, Inc.	Auto-switching gas delivery system utilizing sub-atmospheric pressure gas supply vessels	1229990.0	7/14/2000
Entegris, Inc.	AUTO-SWITCHING GAS DELIVERY SYSTEM UTILIZING SUB-ATMOSPHERIC PRESSURE GAS SUPPLY VESSELS	1229990.0	7/14/2000
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers, flowmeters and 6500 LFCs for HF applications)	6612175.0	7/20/2000
Entegris, Inc.	FLUID DISTRIBUTION SYSTEM AND PROCESS, AND SEMICONDUCTOR FABRICATION FACILITY UTILIZING SAME	6453924.0	7/24/2000
Entegris, Inc.	FLUID DISTRIBUTION SYSTEM AND PROCESS, AND SEMICONDUCTOR FABRICATION FACILITY UTILIZING SAME	6561213.0	6/5/2001
SAES Pure Gas, Inc	How to recover from room temperature purifier	5179687.0	8/4/2000
Entegris, Inc.	Fluid storage and dispensing system	6500238.0	8/10/2000
Entegris, Inc.	POROUS POLYETHYLENE FILTER/WATER BARRIER FOR MICRO ENVIRONMENTS	6057716.0	8/16/2010
SAES Pure Gas, Inc	Integrated heated getter purifier system	TW510822B	8/24/2000
Entegris, Inc.	Auto-switching gas delivery system utilizing sub-atmospheric pressure gas supply vessels	145964.0	8/28/2000
Entegris, Inc.	Diffusion barriers between noble metal electrodes and metallization layers, and integrated circuit and semiconductor devices comprising same	6320213.0	8/29/2000
Entegris, Inc.	BULK CHEMICAL DELIVERY SYSTEM	6435229.0	7/10/1998

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SMIF CONTAINER INCLUDING A RETICLE SUPPORT STRUCTURE	NI203590	9/13/2000
Entegris, Inc.	FILTER DEVICE (IMPACT)	4323074.0	9/13/2000
SAES Pure Gas, Inc	Rejuvenable ambient temperature purifier	505538.0	9/21/2000
Entegris, Inc.	Method of and system for sub-atmospheric gas delivery with backflow control	6253783.0	10/24/2000
Entegris, Inc.	Self-regenerative process for contaminant removal from ammonia (used in Infinity systems, now Aeronex branded)	6524544.0	10/27/2000
Entegris, Inc.	Filtration Module Including Unitary Filter Cartridge-Bowl Construction (Chemlock)	7445710.0	9/30/2004
Entegris, Inc.	P-242	6379210.0	11/29/2000
SAES Pure Gas, Inc	Semiconductor manufacturing system with getter safety device	6398846.0	11/7/2000
Entegris, Inc.	COMPONENT TO COMPONENT SEALING METHOD AND APPARATUS (Flaremount)	6652008.0	12/29/2000
Entegris, Inc.	COMPONENT TO COMPONENT SEALING METHOD AND APPARATUS (Flaremount)	1247038.0	12/29/2000
Entegris, Inc.	COMPONENT TO COMPONENT SEALING METHOD AND APPARATUS (Flaremount)	1247038.0	12/29/2000
Entegris, Inc.	COMPONENT TO COMPONENT SEALING METHOD AND APPARATUS (Flaremount)/EP	1247038.0	12/29/2000
Entegris, Inc.	COMPONENT TO COMPONENT SEALING METHOD AND APPARATUS (Flaremount)	622321.0	12/29/2000
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEM FEATURING EX SITU STRAIN GAUGE PRESSURE MONITORING ASSEMBLY	6494343.0	2/15/2001
Entegris, Inc.	MOLECULAR CONTAMINATION CONTROL SYSTEM	6368411.0	2/21/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With	6652749.0	2/28/2001

Registered Owner	Title	Registration Number	Date Filed
	Easy Change-Out Feature (Solaris Connectology)		
SAES Pure Gas, Inc	SAFETY SYSTEM FOR GAS PURIFIER	121728.0	10/15/1998
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	7056436.0	8/25/2003
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	10-632309	2/28/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	91155.0	2/28/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	ZL01805965.1	2/28/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	7378017.0	5/16/2006
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	4174211.0	2/28/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	ZL 200510118027.1	2/28/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	4560094.0	2/28/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	4603007.0	2/28/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	60144447.7	6/15/2005



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solar	4723531.0	2/28/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solar	4723530.0	2/28/2001
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solaris Connectology)	NI-160593	3/1/2001
Entegris, Inc.	Boric acid containing compositions for stripping residues from semiconductor substrates	6492310.0	3/7/2001
Entegris, Inc.	Double chamber ion implantation system	6545419.0	3/7/2001
Entegris, Inc.	Thermal regulation of an ion implantation system	6670623.0	3/7/2001
Entegris, Inc.	Fluid storage and dispensing system featuring interiorly disposed and exteriorly adjustable regulator for high flow dispensing of gas	10-0692995	3/21/2001
Entegris, Inc.	Fluid storage and dispensing system featuring interiorly disposed and exteriorly adjustable regulator for high flow dispensing of gas	4955890.0	3/21/2001
Entegris, Inc.	SOURCE REAGENT COMPOSITIONS FOR CVD FORMATION OF GATE DIELECTRIC THIN FILMS USING AMIDE PRECURSORS AND METHOD OF USING SAME	6869638.0	9/18/2001
Entegris, Inc.	Method for Purification of Lens Gases Used in Photolithography	6391090.0	4/2/2001
Entegris, Inc.	Method for Purification of Lens Gases Used in Photolithography	6645898.0	2/19/2002
Entegris, Inc.	Method for Purification of Lens Gases Used in Photolithography	7101416.0	10/23/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	ZL201510282437.3	4/9/2001

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	92455.0	4/9/2001
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	10-0879152	4/9/2001
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	145554.0	4/9/2001
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	10-0962625	4/9/2001
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	1328756.0	4/9/2001
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	1328756.0	4/9/2001
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	1328756.0	4/9/2001

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	1328756.0	4/9/2001
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	ZL01810427.4	4/9/2001
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	157026.0	4/19/2001
Entegris, Inc.	Cleaning compositions	6627587.0	4/19/2001
Entegris, Inc.	Cleaning compositions	6851432.0	4/16/2003
Entegris, Inc.	SORBENT-BASED GAS STORAGE AND DELIVERY SYSTEM FOR DISPENSING OF HIGH-PURITY GAS	ZL 01808979.8	4/27/2001
Entegris, Inc.	GAS CABINET ASSEMBLY COMPRISING SORBENT-BASED GAS STORAGE AND DELIVERY SYSTEM	92944.0	4/27/2001
Entegris, Inc.	GAS CABINET ASSEMBLY COMPRISING SORBENT-BASED GAS STORAGE AND DELIVERY SYSTEM	10-0858077	4/27/2001
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	MY-122718-A	4/17/2001
Entegris, Inc.	SUBSTRATE SHIPPER	ZL201130105546.0	4/29/2011
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)	6740147.0	5/4/2001
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)	6761753.0	7/26/2002
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND	7014693.0	5/21/2004

Registered Owner	Title	Registration Number	Date Filed
	PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)		
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)	10-0825146	5/4/2001
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)	1357998.0	5/4/2001
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)	92363.0	5/4/2001
Entegris, Inc.	SHOCK RESISTANT VARIABLE LOAD TOLERANT WAFER SHIPPER	6550619.0	5/8/2001
Poco Graphite, Inc.	PROCESS FOR MAKING A CARBON FOAM INDUCED BY PROCESS DEPRESSURIZATION (HTC),	6576168.0	5/22/2001
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	ZL 01810723.0	6/6/2001
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	10-0831182	6/6/2001
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	10-0831180	6/6/2001
Entegris, Inc.	POST CHEMICAL-MECHANICAL PLANARIZATION (CMP) CLEANING COMPOSITION	1287550.0	6/6/2001
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	1287550.0	6/6/2001
Entegris, Inc.	POST CHEMICAL-MECHANICAL PLANARIZATION (CMP) CLEANING COMPOSITION	1287550.0	6/6/2001
Entegris, Inc.	POST CHEMICAL-MECHANICAL PLANARIZATION (CMP) CLEANING COMPOSITION	1287550.0	6/6/2001

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	POST CHEMICAL-MECHANICAL PLANARIZATION (CMP) CLEANING COMPOSITION	1287550.0	6/6/2001
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	4942275.0	6/6/2001
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	6879876.0	6/13/2001
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	8849448.0	4/3/2012
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	ZL201130192364.1	6/21/2011
Entegris, Inc.	Gas purification system and method	6514313.0	6/22/2001
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL/US	D545393	9/2/2004
Entegris, Inc.	CONTAINMENT SYSTEM (Dispense Head)	812869.0	6/26/2001
Entegris, Inc.	CONTAINMENT SYSTEM (Dispense Head)	4909484.0	6/26/2001
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	8150549.0	2/17/2010
Entegris, Inc.	SMIF CONTAINER INCLUDING AN ELECTROSTATIC DISSIPATIVE RETICLE SUPPORT STRUCTURE (ESD)	6513654.0	7/10/2001
Entegris, Inc.	SMIF CONTAINER INCLUDING AN ELECTROSTATIC DISSIPATIVE RETICLE SUPPORT STRUCTURE (ESD)	P-104367	7/10/2001
Entegris, Inc.	SMIF CONTAINER INCLUDING AN ELECTROSTATIC DISSIPATIVE RETICLE SUPPORT STRUCTURE (ESD)/IT	1412262.0	7/10/2001
Entegris, Inc.	SMIF CONTAINER INCLUDING AN ELECTROSTATIC DISSIPATIVE RETICLE SUPPORT STRUCTURE (ESD)/FR	1412262.0	7/10/2001

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SMIF CONTAINER INCLUDING AN ELECTROSTATIC DISSIPATIVE RETICLE SUPPORT STRUCTURE (ESD)/GB	1412262.0	7/10/2001
Entegris, Inc.	SMIF CONTAINER INCLUDING AN ELECTROSTATIC DISSIPATIVE RETICLE SUPPORT STRUCTURE (ESD)/NL	1412262.0	7/10/2001
Entegris, Inc.	SMIF CONTAINER INCLUDING AN ELECTROSTATIC DISSIPATIVE RETICLE SUPPORT STRUCTURE (ESD)	1412262.0	7/10/2001
Entegris, Inc.	SMIF CONTAINER INCLUDING AN ELECTROSTATIC DISSIPATIVE RETICLE SUPPORT STRUCTURE (ESD)	600341791-08	7/10/2001
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers, flowmeters and 6500 LFCs for HF applications)	523970.0	7/19/2001
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers./SG	94660.0	7/19/2001
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers, flowmeters and 6500 LFCs for HF applications)	ZL01815989.3	7/19/2001
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers./IT	1311818.0	7/19/2001
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers, flowmeters and 6500 LFCs for HF applications)	1311818.0	7/19/2001
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in	1311818.0	7/19/2001

Registered Owner	Title	Registration Number	Date Filed
	pressure transducers, flowmeters and 6500 LFCs for HF applications)		
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers,/DE	60130471.0	7/19/2001
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers, flowmeters and 6500 LFCs for HF applications)	NI204067	7/20/2001
Entegris, Inc.	Hollow Fiber Membrane Contactor (pHasor) (Project No. 313)	6582496.0	1/28/2000
Entegris, Inc.	FLUID DISTRIBUTION SYSTEM AND PROCESS, AND SEMICONDUCTOR FABRICATION FACILITY UTILIZING SAME	188924.0	7/24/2001
Entegris, Inc.	Skinned Hollow Fiber Membrane and Method of Manufacture (pHasor)	6921482.0	1/27/2000
Entegris, Inc.	Microporous Hollow Fiber Membranes from Perfluorinated Thermoplastic Fibers (Submarine Fibers) (pHasor and Fluorline HF)	6802972.0	7/26/2001
Entegris, Inc.	Microporous Hollow Fiber Membranes from Perfluorinated Thermoplastic Fibers (Submarine Fibers) (pHasor and Fluorline HF)	6802973.0	5/13/2003
Entegris, Inc.	Gas cabinet assembly comprising back migration scrubber unit	6471750.0	8/8/2001
Entegris, Inc.	Abrasive free formulations for chemical mechanical polishing of copper and associated materials and method of using same	6800218.0	8/23/2001
Entegris, Inc.	Porous or Non-Porous Substrate Coated with a Cross-Linked Polymeric Composition Having Sulfonyl Groups and Hydrophilic Functional Groups and Process	7094469.0	8/28/2001
SAES Pure Gas, Inc	Apparatus for removal of water from evacuated chambers or from gasses using boron oxide	6522457.0	8/15/2001

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	STORAGE AND DELIVERY SYSTEM FOR GASEOUS HYDRIDE, HALIDE AND ORGANOMETALLIC GROUP V COMPOUNDS	MY-125682-A	10/8/1997
Entegris, Inc.	Preparation of high performance silica slurry using a centrifuge	6802983.0	9/17/2001
Entegris, Inc.	SYSTEM AND METHOD FOR DETERMINING AND CONTROLLING CONTAMINATION	6759254.0	9/24/2002
Entegris, Inc.	WAFER CONTAINER WITH DOOR (Defensive case) (FOUP or FASB)	MY-126374-A	7/11/1997
SAES Pure Gas, Inc	INTEGRATED HEATED GETTER PURIFIER SYSTEM.	125949.0	5/31/2000
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	NI-195078	10/15/2001
Entegris, Inc.	Fluid storage and dispensing system featuring externally adjustable regulator assembly for high flow dispensing	6474076.0	11/12/2001
Entegris, Inc.	FLUID STORAGE AND DELIVERY SYSTEM UTILIZING LOW HEELS CARBON SORBENT MEDIUM	6592653.0	11/12/2001
Entegris, Inc.	TRANSPORT MODULE	7370764.0	5/18/2004
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	7747344.0	5/3/2002
Entegris, Inc.	Formulations including a 1, 3-dicarbonyl compound chelating agent for stripping residues from semiconductor substrates	6566315.0	12/5/2001
Entegris, Inc.	SYSTEM FOR PREVENTING IMPROPER INSERTION OF FOUP DOOR INTO FOUP, SYSTEM FOR PREVENTING IMPROPER INSERTION OF FOUP DOOR INTO FOUP	NI162851	12/12/2001
Entegris, Inc.	SYSTEM FOR PREVENTING IMPROPER INSERTION OF FOUP	ZL01822118.1	12/11/2001



Registered Owner	Title	Registration Number	Date Filed
	DOOR INTO FOUP, SYSTEM FOR PREVENTING IMPROPER INSERTION OF FOUP DOOR INTO FOUP		
Entegris, Inc.	SYSTEM FOR PREVENTING IMPROPER INSERTION OF FOUP DOOR INTO FOUP, SYSTEM FOR PREVENTING IMPROPER INSERTION OF FOUP DOOR INTO FOUP	846399.0	12/11/2001
Entegris, Inc.	SYSTEM FOR PREVENTING IMPROPER INSERTION OF FOUP DOOR INTO FOUP, SYSTEM FOR PREVENTING IMPROPER INSERTION OF FOUP DOOR INTO FOUP	6663148.0	12/13/2001
Entegris, Inc.	METHOD FOR REMOVAL OF IMPURITIES IN CYCLIC SILOXANES USEFUL AS PRECURSORS FOR LOW DIELECTRIC CONSTANT THIN FILMS	7108771.0	12/13/2001
Entegris, Inc.	METHOD FOR REMOVAL OF IMPURITIES IN CYCLIC SILOXANES USEFUL AS PRECURSORS FOR LOW DIELECTRIC CONSTANT THIN FILMS	7423166.0	8/28/2003
Entegris, Inc.	Channelized sorbent media, and methods of making same	6764755.0	12/17/2001
Entegris, Inc.	TRANSPORTABLE CONTAINER INCLUDING AN INTERNAL ENVIRONMENT MONITOR (SMART FOUP)	NI187495	1/9/2002
Entegris, Inc.	TRANSPORTABLE CONTAINER INCLUDING AN INTERNAL ENVIRONMENT MONITOR (SMART FOUP)	ZL02806311.2	1/9/2002
Entegris, Inc.	TRANSPORTABLE CONTAINER INCLUDING AN INTERNAL ENVIRONMENT MONITOR (SMART FOUP)	7156129.0	6/7/2005

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	TRANSPORTABLE CONTAINER INCLUDING AN INTERNAL ENVIRONMENT MONITOR (SMART FOUP)	885010.0	1/9/2002
Entegris, Inc.	TRANSPORTABLE CONTAINER INCLUDING AN INTERNAL ENVIRONMENT MONITOR (SMART FOUP)	4677517.0	1/9/2002
Entegris, Inc.	Adsorbents for low vapor pressure fluid storage and delivery	6620225.0	1/10/2002
Entegris, Inc.	TRANSPORTABLE CONTAINER INCLUDING AN INTERNAL ENVIRONMENT MONITOR (SMART FOUP)	6901971.0	1/8/2002
Entegris, Inc.	TRANSPORT MODULE	6736268.0	11/13/2001
Entegris, Inc.	TRANSPORTABLE CONTAINER INCLUDING AN INTERNAL ENVIRONMENT MONITOR (SMART FOUP)	7490637.0	1/3/2007
Entegris, Inc.	SYSTEM AND METHOD FOR FLUID STORAGE AND DISPENSING	MY-128104-A	11/25/1999
Entegris, Inc.	Diaphragm using a small metering pump using multiple-layer fluorinated polyimide membrane (RGEN 01 and RGEN 02 covered by this case)	4034973.0	1/31/2002
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	99181.0	2/6/2002
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	5097640.0	2/6/2002
Entegris, Inc.	Post chemical-mechanical planarization (CMP) cleaning composition	I299885	2/8/2002
Entegris, Inc.	Filter cartridge with gas vent (Chemline 1 Core Vent is covered by this case)	3822504.0	2/8/2002
Entegris, Inc.	Connector for filter cartridge (Impact 2 is covered by this case)	4234938.0	2/28/2002

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	HOLLOW FIBER MEMBRANE CONTACT APPARATUS (pHASOR)	7717405.0	3/18/2008
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	7520984.0	6/27/2006
Entegris, Inc.	THIN WAFER INSERT, THIN WAFER INSERT	4296296.0	3/28/2002
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	10-0925587	2/11/2003
Entegris, Inc.	THIN WAFER INSERT, THIN WAFER INSERT	NI-199501	4/1/2002
Entegris, Inc.	Post plasma ashing wafer cleaning formulation	7534752.0	9/17/2001
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	MY-129579-A	5/27/1999
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	6698619.0	5/3/2002
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	6942123.0	1/20/2004
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	7316329.0	9/13/2005
Entegris, Inc.	INFRARED THERMOPILE DETECTOR SYSTEM FOR SEMICONDUCTOR PROCESS MONITORING AND CONTROL	6617175.0	5/8/2002
Entegris, Inc.	MONITORING SYSTEM COMPRISING INFRARED THERMOPILE DETECTOR	7351976.0	10/31/2006
Entegris, Inc.	FLUOROPOLYMER FLOWMETER,	ZL028148878	5/28/2002
Entegris, Inc.	146FLUOROPOLYMER FLOWMETER,	4510441.0	5/28/2002
Entegris, Inc.	FLUOROPOLYMER FLOWMETER,	10-0994616	5/28/2002
Entegris, Inc.	RETICLE CARRIER	7139066.0	11/30/2004
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND	7798168.0	11/10/2009

Registered Owner	Title	Registration Number	Date Filed
	METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES		
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	193123.0	6/11/2002
Entegris, Inc.	Method for Rapid Activation or Preconditioning of Porous Gas Purification Substrates (Clarilite Wafer)	6638341.0	6/14/2002
Entegris, Inc.	Method for Rapid Activation or Preconditioning of Porous Gas Purification Substrates (Clarilite Wafer)	6869463.0	10/23/2003
Entegris, Inc.	Filter Design (Panelgard EX filter cartridge)	1305814.0	9/14/2006
Entegris, Inc.	Sealing structure for connector (Impact 2, REGN 02 and IntelliGen3 are covered in this case)	4125051.0	6/20/2002
Entegris, Inc.	Boric acid containing compositions for stripping residues from semiconductor substrates	6599870.0	6/25/2002
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	6857447.0	6/10/2002
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	7614421.0	2/23/2006
Entegris, Inc.	FLUOROPOLYMER FLOWMETER,	6758104.0	5/28/2002
Entegris, Inc.	RETICLE CARRIER	6825916.0	7/5/2002
Entegris, Inc.	THIN WAFER CARRIER, THIN WAFER CARRIER	6758339.0	7/11/2002
Entegris, Inc.	HIGH VOLUME DISPENSE HEAD WITH SEAL VERIFICATION AND LOW FOAM RETURN LINE,	10-0905569	7/11/2002

Registered Owner	Title	Registration Number	Date Filed
	HIGH VOLUME DISPENSE HEAD WITH SEAL VERIFICATION AND LOW FOAM RETURN LINE		
Entegris, Inc.	HIGH VOLUME DISPENSE HEAD WITH SEAL VERIFICATION AND LOW FOAM RETURN LINE, HIGH VOLUME DISPENSE HEAD WITH SEAL VERIFICATION AND LOW FOAM RETURN LINE	4474160.0	7/11/2002
Entegris, Inc.	HIGH VOLUME DISPENSE HEAD WITH SEAL VERIFICATION AND LOW FOAM RETURN LINE, HIGH VOLUME DISPENSE HEA	5209648.0	7/11/2002
Entegris, Inc.	HIGH VOLUME DISPENSE HEAD WITH SEAL VERIFICATION AND LOW FOAM RETURN LINE, HIGH VOLUME DISPENSE HEAD WITH SEAL VERIFICATION AND LOW FOAM RETURN LINE	6955185.0	7/11/2002
Entegris, Inc.	THIN WAFER CARRIER, THIN WAFER CARRIER	I-276193	7/12/2002
Entegris, Inc.	THIN WAFER CARRIER, THIN WAFER CARRIER	ZL02817865.3	7/12/2002
Entegris, Inc.	HIGH VOLUME DISPENSE HEAD WITH SEAL VERIFICATION AND LOW FOAM RETURN LINE, HIGH VOLUME DISPENSE HEAD WITH SEAL VERIFICATION AND LOW FOAM RETURN LINE	02817822X	7/11/2002
Entegris, Inc.	THIN WAFER CARRIER, THIN WAFER CARRIER	4398240.0	7/12/2002
Entegris, Inc.	THIN WAFER CARRIER, THIN WAFER CARRIER	10-0945625	7/12/2002
Entegris, Inc.	Chemical refill system for high purity chemicals	190382.0	7/16/2002
Entegris, Inc.	FLUID FLOW MEASURING AND PROPORTIONAL FLUID FLOW CONTROL DEVICE (OPTICHEM C)	8155896.0	1/28/2011
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	7487956.0	10/30/2007

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	7556244.0	8/28/2007
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	7828274.0	1/23/2009
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	8128073.0	11/5/2010
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	8444120.0	2/16/2012
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	9004462.0	4/13/2013
Entegris, Inc.	SOURCE REAGENT COMPOSITIONS FOR CVD FORMATION OF HIGH DIELECTRIC CONSTANT AND FERROELECTRIC METAL OXIDE THIN FILMS AND METHOD OF USING SAME	7094284.0	7/17/2001
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,	6871741.0	8/5/2002
Entegris, Inc.	Composition and process for wet stripping removal of sacrificial anti-reflective material	6849200.0	7/23/2002
Entegris, Inc.	Br <sub>2</sub> SbCH <sub>3</sub> a solid source ion implant and CVD precursor	6767830.0	8/7/2002
Entegris, Inc.	Filter Element (Torrento)	3950766.0	8/8/2002
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	D2007/863/I	5/2/2007
Entegris, Inc.	MONITORING SYSTEM COMPRISING INFRARED THERMOPILE DETECTOR	7172918.0	12/9/2003
Entegris, Inc.	MONITORING SYSTEM COMPRISING INFRARED THERMOPILE DETECTOR	7011614.0	7/18/2003

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	MATRIX TRAY WITH TACKY SURFACES	6926937.0	9/11/2002
Entegris, Inc.	Hig-Strength, Chemically Resistant Laminar Film With Limited Extractables (Dispense Diaphragm for RGEN-02, valve diaphragm for Intelligen Mini)	I315260	9/18/2002
Entegris, Inc.	Hig-Strength, Chemically Resistant Laminar Film With Limited Extractables (Dispense Diaphragm for RGEN-02, valve diaphragm for Intelligen Mini)	ZL02818235.9	9/18/2002
Entegris, Inc.	Hig-Strength, Chemically Resistant Laminar Film With Limited Extractables (Dispense Diaphragm for RGEN-02, valve diaphragm for Intelligen Mini)	7407708.0	9/18/2002
Entegris, Inc.	Hig-Strength, Chemically Resistant Laminar Film With Limited Extractables (Dispense Diaphragm for RGEN-02, valve diaphragm for Intelligen Mini)	4409289.0	9/18/2002
Entegris, Inc.	FLUID EXCHANGE DEVICE (pHasor X heat exchanger)	10-0581648	9/26/2002
Entegris, Inc.	FLUID EXCHANGE DEVICE (pHasor X heat exchanger)	3962018.0	9/26/2002
Entegris, Inc.	FLUID EXCHANGE DEVICE (pHasor X heat exchanger)	7308932.0	9/26/2002
Entegris, Inc.	FLUID EXCHANGE DEVICE (pHasor X heat exchanger)	ZL028193997	9/26/2002
Entegris, Inc.	FLUID EXCHANGE DEVICE (pHasor X heat exchanger)	103540.0	9/26/2002
Entegris, Inc.	FLUID EXCHANGE DEVICE (pHasor X heat exchanger)	NI-195964	10/1/2002
Entegris, Inc.	CARBON DIOXIDE PURIFICATION FOR THE SEMICONDUCTOR INDUSTRY (GATEKEEPER AK for purifying CO2) (Proje/	7381243.0	10/16/2003
Entegris, Inc.	FLUID STORAGE AND DELIVERY SYSTEM UTILIZING LOW HEELS CARBON SORBENT MEDIUM	I-249429	10/23/2002

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	APPARATUS AND METHOD FOR INHIBITING DECOMPOSITION OF GERMANE	6716271.0	10/29/2002
Entegris, Inc.	Ion implantation and wet bench systems utilizing exhaust gas recirculation	6770117.0	10/31/2002
Entegris, Inc.	Ion implantation and wet bench systems utilizing exhaust gas recirculation	7485169.0	9/12/2006
Entegris, Inc.	SEMICONDUCTOR MANUFACTURING FACILITY UTILIZING EXHAUST RECIRCULATION	7857880.0	2/3/2009
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	6794671.0	7/17/2002
Entegris, Inc.	WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS, WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS	ZL02827133.5	11/13/2002
Entegris, Inc.	WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS, WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS	10-0909748	11/13/2002
Entegris, Inc.	WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS, WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS	4354818.0	11/13/2002
Entegris, Inc.	WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS, WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS	I269400	11/14/2002
Entegris, Inc.	WAFER CARRIER WITH WAFER RETAINING SYSTEM	290352.0	11/14/2002
Entegris, Inc.	WAFER CARRIER WITH WAFER RETAINING SYSTEM	4153874.0	11/14/2002
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE	7713346.0	10/7/2008



Registered Owner	Title	Registration Number	Date Filed
	DEPOSITION OF SILICON-CONTAINING FILMS		
Entegris, Inc.	WAFER CARRIER WITH WAFER RETAINING SYSTEM	10-0964047	11/14/2002
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS SUCH AS FILMS INCLUDING SILICON, SILICON NITRIDE, SILICON DIOXIDE AN	7786320.0	5/12/2009
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS	7887883.0	5/11/2010
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS SUCH AS FILMS INCLUDING SILICON, SILICON NITRIDE, SILICON DIOXIDE AN	7910765.0	7/17/2010
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS SUCH AS FILMS INCLUDING SILICON, SILICON NITRIDE, SILICON DIOXIDE AN	8153833.0	3/22/2011
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS SUCH AS FILMS INCLUDING SILICON NITRIDE, SILICON DIOXIDE AND/OR SILI	8236097.0	2/15/2011
Entegris, Inc.	INFRARED THERMOPILE DETECTOR SYSTEM FOR SEMICONDUCTOR PROCESS MONITORING AND CONTROL	7129519.0	9/23/2003
Entegris, Inc.	Porogen material	7456488.0	11/21/2002

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	7496463.0	9/12/2006
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR, FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR	28235363.0	11/26/2002
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR, FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR	10-0927923	11/26/2002
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR, FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR	7886910.0	11/26/2002
Entegris, Inc.	WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS, WAFER SEALING ARRANGEMENT FOR WAFER CONTAINERS	6848578.0	11/13/2002
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR, FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR	290353.0	11/27/2002
Entegris, Inc.	PROCESS FOR FABRICATING A SORBENT-BASED GAS STORAGE AND DISPENSING SYSTEM, UTILIZING SORBENT MATERIAL PRETREATMENT	MY-133994-A	8/25/1999
Entegris, Inc.	WAFER CARRIER DOOR AND LATCHING MECHANISM WITH	6712213.0	12/2/2002

Registered Owner	Title	Registration Number	Date Filed
	HOURGLASS SHAPED KEY SLOT, WAFER CARRIER DOOR AND LA		
Entegris, Inc.	Formulations including a 1, 3-dicarbonyl compound chelating agent for stripping residues from semiconductor substrates	I-299060	12/4/2002
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	6921062.0	7/23/2002
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	7455719.0	9/6/2005
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	7972421.0	3/10/2009
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	9636626.0	6/22/2015
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	6743278.0	12/10/2002
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	6939394.0	1/29/2004
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	7501010.0	9/15/2005
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	8282714.0	8/23/2011
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	9062829.0	8/13/2013
Entegris, Inc.	WAFER CONTAINER CUSHION SYSTEM	6644477.0	12/11/2002

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM (for FOUP), WAFER CARRIER DOOR	6880718.0	12/11/2002
Entegris, Inc.	WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM (for FOUP), WAFER CARRIER DOOR	7168587.0	4/19/2005
Entegris, Inc.	Gas storage and dispensing system for variable conductance dispensing of gas at constant flow rate	7284564.0	12/19/2005
Entegris, Inc.	WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER, WAFER CARRIER DOOR WITH FORM FITTING MECHANIS	6749067.0	1/14/2003
Entegris, Inc.	WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM (for FOUP), WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM	ZL038022060	1/14/2003
Entegris, Inc.	WAFER CARRIER DOOR AND LATCHING MECHANISM WITH HOURGLASS SHAPED KEY SLOT, WAFER CARRIER DOOR AND LATCHING MECHANISM WITH HOURGLASS SHAPED KEY SLOT	38022079.0	1/14/2003
Entegris, Inc.	WAFER CARRIER DOOR AND LATCHING MECHANISM WITH HOURGLASS SHAPED KEY SLOT, WAFER CARRIER DOOR AND LATCHING MECHANISM WITH HOURGLASS SHAPED KEY SLOT	4266828.0	1/14/2003
Entegris, Inc.	WAFER CARRIER DOOR AND LATCHING MECHANISM WITH C-SHAPED CAM FOLLOWER	4322681.0	1/14/2003
Entegris, Inc.	WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM (for	10-0925590	1/14/2003

Registered Owner	Title	Registration Number	Date Filed
	FOUP), WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM		
Entegris, Inc.	WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM (for FOUP), WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM	4431393.0	1/14/2003
Entegris, Inc.	WAFER CARRIER DOOR AND LATCHING MECHANISM WITH HOURGLASS SHAPED KEY SLOT, WAFER CARRIER DOOR AND LATCHING MECHANISM WITH HOURGLASS SHAPED KEY SLOT	10-0977937	1/14/2003
Entegris, Inc.	WAFER CARRIER DOOR AND LATCHING MECHANISM WITH C-SHAPED CAM FOLLOWER	10-0989967	1/14/2003
Entegris, Inc.	WAFER CARRIER DOOR AND LATCHING MECHANISM WITH C-SHAPED CAM FOLLOWER	6955382.0	12/11/2002
Entegris, Inc.	WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM (for FOUP), WAFER CARRIER DOOR AND TWO-POSITION SPRING BIASED LATCHING MECHANISM	258447.0	1/15/2003
Entegris, Inc.	WAFER CARRIER DOOR AND LATCHING MECHANISM WITH HOURGLASS SHAPED KEY SLOT, WAFER CARRIER DOOR AND LATCHING MECHANISM WITH HOURGLASS SHAPED KEY SLOT	I294154	1/15/2003
Entegris, Inc.	CHEMICAL VAPOR DEPOSITION PRECURSORS FOR THE DEPOSITION OF TANTALUM-BASED MATERIALS	6989457.0	1/16/2003

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER, WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER	I-270954	1/16/2003
Entegris, Inc.	WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER, WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER	ZL03802208.7	1/16/2003
Entegris, Inc.	WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER, WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER	MY-130809-A	1/16/2003
Entegris, Inc.	WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER, WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER	4266831.0	1/16/2003
Entegris, Inc.	WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER, WAFER CARRIER DOOR WITH FORM FITTING MECHANISM COVER	10-0938317	1/16/2003
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR, FRONT OPENING WAFER CONTAINER WITH PATH TO GROUND EFFECTUATED BY DOOR	8276759.0	11/26/2002
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	ZL038064472	2/11/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	7169302.0	2/11/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	106361.0	2/11/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	4664596.0	2/11/2003
Entegris, Inc.	WAFER CONTAINER CUSHION SYSTEM	10-0945996	2/21/2003

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	NI-192461	2/24/2003
Entegris, Inc.	WAFER CONTAINER CUSHION SYSTEM	ZL038044587	2/21/2003
Entegris, Inc.	WAFER CONTAINER CUSHION SYSTEM	I282598	2/26/2003
Entegris, Inc.	WAFER CARRIER RING/CN	ZL201330048940.4	2/28/2013
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	107224.0	3/6/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	7101479.0	3/6/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	ZL038065436	3/6/2003
Entegris, Inc.	FILTER APPARATUS (SS CHEMLOCK (MTO))	7138053.0	3/4/2004
Entegris, Inc.	HOLLOW FIBER MEMBRANE CONTACT APPARATUS (pHASOR)	106360.0	3/6/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	4266833.0	3/6/2003
Entegris, Inc.	HOLLOW FIBER MEMBRANE CONTACT APPARATUS (pHASOR)	4498748.0	3/6/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	10-0956895	3/6/2003
Entegris, Inc.	HOLLOW FIBER MEMBRANE CONTACT APPARATUS (pHASOR)	ZL03806560.6	3/6/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)/IT	1490158.0	3/6/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	1490158.0	3/6/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)/NL	1490158.0	3/6/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)/DE	1490158.0	3/6/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)/GB	1490158.0	3/6/2003
Entegris, Inc.	HOLLOW FIBER MEMBRANE CONTACT APPARATUS (pHASOR)	10-1049989	3/6/2003

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	HOLLOW FIBER MEMBRANE CONTACT APPARATUS (pHASOR)	NI-202690	3/14/2003
Entegris, Inc.	Photoresist Removal	9256134.0	3/25/2014
Entegris, Inc.	FULLY DRAINABLE WEIR VALVE	6923198.0	3/17/2003
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	I222892	3/19/2003
Entegris, Inc.	WAFER CARRIER WITH WAFER RETAINING SYSTEM	6951284.0	11/14/2002
Entegris, Inc.	PHOTOMETRICALLY MODULATED DELIVERY OF REAGENTS	7058519.0	6/21/2005
Entegris, Inc.	PHOTOMETRICALLY MODULATED DELIVERY OF REAGENTS	7373257.0	6/2/2006
Entegris, Inc.	PHOTOMETRICALLY MODULATED DELIVERY OF REAGENTS	7711496.0	5/13/2008
Entegris, Inc.	PHOTOMETRICALLY MODULATED DELIVERY OF REAGENTS	7925450.0	5/4/2010
Entegris, Inc.	PHOTOMETRICALLY MODULATED DELIVERY OF REAGENTS	8244482.0	4/12/2011
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	MY-129460-A	4/2/2003
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	7328716.0	2/22/2005
Entegris, Inc.	Cleaning Sponge Roller (Planarcure)	30-0488622	8/20/2007
Entegris, Inc.	Exterior 450mm Container configuration.	D155582	4/19/2011
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	I301112	4/25/2003



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	INFRARED THERMOPILE DETECTOR SYSTEM FOR SEMICONDUCTOR PROCESS MONITORING AND CONTROL	I-296141	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	10-0996782	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	10-1099985	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	10-1187542	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	1501750.0	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	1501750.0	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	1501750.0	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	1501750.0	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	1501750.0	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	1501750.0	4/28/2003
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	1501750.0	4/28/2003
Entegris, Inc.	SUBSTRATE SHIPPER	D159162	4/29/2011
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE	2476634.0	4/28/2003

Registered Owner	Title	Registration Number	Date Filed
	AND DISPENSING CONTAINER SYSTEM		
Entegris, Inc.	INFRARED THERMOPILE DETECTOR SYSTEM FOR SEMICONDUCTOR PROCESS MONITORING AND CONTROL	10-0958464	5/5/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	8506689.0	6/26/2011
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	108180.0	5/29/2003
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	ZL 03816992.4	5/29/2003
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	EP1511583	5/29/2003
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	EP1511583	5/29/2003
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	EP1511583	5/29/2003
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS	152060.0	5/29/2003

Registered Owner	Title	Registration Number	Date Filed
	ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES		
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	10-1077451	5/29/2003
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	10-1077364	5/29/2003
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	5560139.0	5/29/2003
Entegris, Inc.	PERMEABLE GAS ASSEMBLY FOR GAS DELIVERY	6935354.0	12/9/2002
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	8858685.0	8/31/2012
Entegris, Inc.	FLUID HANDLING COMPONENT WITH ULTRAPHOBIC SURFACES, FLUID HANDLING COMPONENT WITH ULTRAPHOBIC SURFACES,	6845788.0	6/3/2003
Entegris, Inc.	PERMEABLE GAS ASSEMBLY FOR GAS DELIVERY	7370661.0	8/29/2005
Entegris, Inc.	PRESSURE-BASED GAS DELIVERY SYSTEM AND METHOD FOR REDUCING RISKS ASSOCIATED WITH STORAGE AND DELIVERY OF HIGH PRESSURE GASES	I-279660	6/9/2003
Entegris, Inc.	Method for Rapid Activation or Preconditioning of Porous Gas	03813800.X	6/11/2003

Registered Owner	Title	Registration Number	Date Filed
	Purification Substrates (Clarilite Wafer)		
Entegris, Inc.	Method for Rapid Activation or Preconditioning of Porous Gas Purification Substrates (Clarilite Wafer)	10-1031445	6/11/2003
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	1682105.0	6/18/2003
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	4808963.0	6/18/2003
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	4950314.0	2/19/2010
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	102879317.0	6/14/2004
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	103792168.0	1/20/2014
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	1535040.0	6/18/2003
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	1535040.0	6/18/2003
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	1535040.0	6/18/2003
Entegris, Inc.	Sensors and methods for high-sensitivity optical particle counting and sizing	1535040.0	6/18/2003
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES/TW	D151080	6/21/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D151079	6/21/2011
Entegris, Inc.	Canister guard	6880592.0	6/26/2003
Entegris, Inc.	POLYTETRAFLUOROETHYLENE TREATMENT	7335721.0	6/13/2006
Entegris, Inc.	RETICLE CARRIER	10-0976900	6/26/2003
Entegris, Inc.	RETICLE CARRIER	4628784.0	6/26/2003
Entegris, Inc.	RETICLE CARRIER	ZL03815723.3	6/26/2003

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	ZL 03817716.1	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	109750.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	167665.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	4843218.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY DEVICE, VAPORIZER, VAPORIZER UNIT AND METHOD FOR DELIVERING A VAPORIZED SOURCE MATERIAL	10-1152715	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY SYSTEM, VAPORIZER, VAPORIZER UNIT AND METHOD FOR DELIVERING A VAPORIZED SOURCE MATERIAL	10-1178030	7/1/2003
Entegris, Inc.	VAPORIZER, METHOD UTILIZING A VAPORIZER APPARATUS, CONTAINER, METHOD FOR GENERATING VAPOR FOR A SEMICONDUCTOR PROCESS CHAMBER	10-1178002	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	1539336.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	1539336.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	1539336.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	1539336.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	1539336.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	5538857.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	179319.0	7/1/2003
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	6293699.0	7/1/2003
Entegris, Inc.	RETICLE CARRIER	I317967	7/3/2003

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	FLUID FLOW MEASURING AND PROPORTIONAL FLUID FLOW CONTROL DEVICE (OPTICHEM C)	I287624	7/18/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	6991671.0	12/9/2002
Entegris, Inc.	FLUID FLOW MEASURING AND PROPORTIONAL FLUID FLOW CONTROL DEVICE (OPTICHEM C)	7292945.0	7/18/2003
Entegris, Inc.	FLUID FLOW MEASURING AND PROPORTIONAL FLUID FLOW CONTROL DEVICE (OPTICHEM C)	7447600.0	8/31/2007
Entegris, Inc.	FLUID FLOW MEASURING AND PROPORTIONAL FLUID FLOW CONTROL DEVICE (OPTICHEM C)	5204204.0	1/18/2005
Entegris, Inc.	Lithographic Projection Apparatus, Gas Purging Method, Device Manufacturing Method and Purge Gas Supply System (ASML Case)	7113254.0	7/20/2004
Entegris, Inc.	Lithographic Projection Apparatus, Gas Purging Method, Device Manufacturing Method and Purge Gas Supply System (ASML Case)	7384149.0	7/21/2003
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/SG	118838.0	7/21/2004
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	I303461	7/21/2003
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/DE	602004033377.8	7/21/2004
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/IT	1648592.0	7/21/2004
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/EP	1648592.0	7/21/2004

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/NL	1648592.0	7/21/2004
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/FR	1648592.0	7/21/2004
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/GB	1648592.0	7/21/2004
Entegris, Inc.	DELIVERY SYSTEMS FOR EFFICIENT VAPORIZATION OF PRECURSOR SOURCE MATERIAL	6909839.0	7/23/2003
Entegris, Inc.	DELIVERY SYSTEMS FOR EFFICIENT VAPORIZATION OF PRECURSOR SOURCE MATERIAL	7437060.0	6/21/2005
Entegris, Inc.	APPARATUS AND METHOD FOR DISPENSING HIGH VISCOSITY LIQUID	7025234.0	9/19/2002
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Project No. 623)	119575.0	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Project No. 623)	7984526.0	7/13/2004
Entegris, Inc.	PHOTOMETRICALLY MODULATED DELIVERY OF REAGENTS	6909973.0	8/14/2003
Entegris, Inc.	AUTO-SWITCHING SYSTEM FOR SWITCH-OVER OF GAS STORAGE AND DISPENSING VESSELS IN A MULTI-VESSEL ARRAY	7104292.0	10/18/2005
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	8002880.0	2/24/2009

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SYSTEM AND METHOD FOR MONITORING CONTAMINATION	7092077.0	9/15/2003
Entegris, Inc.	SYSTEM AND METHOD FOR MONITORING CONTAMINATION	299535.0	9/23/2003
Entegris, Inc.	MICROFLUIDIC DEVICE WITH ULTRAPHOBIC SURFACES, MICROFLUIDIC DEVICE WITH ULTRAPHOBIC SURFACES,	6923216.0	8/29/2003
Entegris, Inc.	AUTO-SWITCHING SYSTEM FOR SWITCH-OVER OF GAS STORAGE AND DISPENSING VESSELS IN A MULTI-VESSEL ARRAY	6955198.0	9/9/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	7494530.0	4/11/2005
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE CHEMICAL VAPOR DEPOSITION OF SILICON-CONTAINING FILMS INCLUDING SILICON CARBONITRIDE AND SILICON OXYCARBONI	7781605.0	10/13/2009
Entegris, Inc.	MONOSILANE OR DISILANE DERIVATIVES AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS USING THE SAME	7863203.0	1/24/2008
Entegris, Inc.	MONOSILANE OR DISILANE DERIVATIVES AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS USING THE SAME	8242032.0	1/4/2011
Entegris, Inc.	MONOSILANE OR DISILANE DERIVATIVES AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-	8541318.0	2/9/2012



Registered Owner	Title	Registration Number	Date Filed
	CONTAINING FILMS USING THE SAME		
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE CHEMICAL VAPOR DEPOSITION OF SILICON-CONTAINING FILMS INCLUDING SILICON CARBONITRIDE AND SILICON OXYCARBONI	8802882.0	8/24/2010
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE CHEMICAL VAPOR DEPOSITION OF SILICON-CONTAINING FILMS INCLUDING SILICON CARBONITRIDE AND SILICON OXYCARBONI	9102693.0	7/17/2014
Entegris, Inc.	TANTALUM AMIDE COMPLEXES FOR DEPOSITING TANTALUM-CONTAINING FILMS, AND METHOD OF MAKING SAME	7198815.0	9/12/2005
Entegris, Inc.	P-546	10-1048370	10/15/2003
Entegris, Inc.	CARBON DIOXIDE PURIFICATION FOR THE SEMICONDUCTOR INDUSTRY (GATEKEEPER AK for purifying CO2) (Proje/	I347302	10/16/2003
Entegris, Inc.	CARBON DIOXIDE PURIFICATION FOR THE SEMICONDUCTOR INDUSTRY (GATEKEEPER AK for purifying CO2) (Proje/	10-1263494	10/16/2003
Entegris, Inc.	CARBON DIOXIDE PURIFICATION FOR THE SEMICONDUCTOR INDUSTRY (GATEKEEPER AK for purifying CO2) (Proje/	ZL200380101622.3	10/16/2003
Entegris, Inc.	CARBON DIOXIDE PURIFICATION FOR THE SEMICONDUCTOR INDUSTRY (GATEKEEPER AK for purifying CO2) (Proje/	5662295.0	4/29/2004

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	CARBON DIOXIDE PURIFICATION FOR THE SEMICONDUCTOR INDUSTRY (GATEKEEPER AK for purifying CO2) (Proje/	111645.0	10/16/2003
Entegris, Inc.	APPARATUS AND METHOD FOR INHIBITING DECOMPOSITION OF GERMANE	MY-131132-A	10/27/2003
Entegris, Inc.	APPARATUS AND METHOD FOR INHIBITING DECOMPOSITION OF GERMANE	I305154	10/27/2003
Entegris, Inc.	APPARATUS AND METHOD FOR INHIBITING DECOMPOSITION OF GERMANE	EP1558363	10/27/2003
Entegris, Inc.	APPARATUS AND METHOD FOR INHIBITING DECOMPOSITION OF GERMANE	EP1558363	10/27/2003
Entegris, Inc.	APPARATUS AND METHOD FOR INHIBITING DECOMPOSITION OF GERMANE	EP1558363	10/27/2003
Entegris, Inc.	APPARATUS AND METHOD FOR INHIBITING DECOMPOSITION OF GERMANE	EP1558363	10/27/2003
Entegris, Inc.	APPARATUS AND METHOD FOR INHIBITING DECOMPOSITION OF GERMANE	EP1558363	10/27/2003
Entegris, Inc.	APPARATUS AND METHOD FOR INHIBITING DECOMPOSITION OF GERMANE	10-1097577	10/27/2003
Entegris, Inc.	FLUID STORAGE AND DISPENSING VESSELS HAVING COLORIMETRICALLY VERIFIABLE LEAK-TIGHTNESS, AND METHOD OF MAKING SAME	8153434.0	8/5/2011
Entegris, Inc.	TANTALUM AMIDE COMPLEXES FOR DEPOSITING TANTALUM-CONTAINING FILMS, AND METHOD OF MAKING SAME	6960675.0	10/14/2003
Entegris, Inc.	TANTALUM AMIDE COMPLEXES FOR DEPOSITING TANTALUM-CONTAINING	7371878.0	1/23/2007

Registered Owner	Title	Registration Number	Date Filed
	FILMS, AND METHOD OF MAKING SAME		
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	7664568.0	3/8/2005
Entegris, Inc.	Chemical mechanical planarization pad	7931713.0	11/13/2007
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	I442970	11/24/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	I471165	11/24/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	I618569	11/24/2003
Entegris, Inc.	GAS DELIVERY SYSTEM WITH INTEGRATED VALVE MANIFOLD FUNCTIONALITY FOR SUB-ATMOSPHERIC AND SUPER-ATMOSPHERIC PRESSURE APPLICATIONS	7694691.0	8/5/2008
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	I326750	11/24/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	I330238	11/24/2003
Entegris, Inc.	PERMEABLE GAS ASSEMBLY FOR GAS DELIVERY	10-1223924	11/24/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	ZL 200380109609.2	11/25/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	4881814.0	11/25/2003

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	10-1129787	11/25/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	10-1129746	11/25/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	ZL200910126952.7	11/25/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	5456748.0	11/25/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	I521149	11/26/2003
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL	5881648.0	11/25/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	I386587	11/26/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	I412682	11/26/2003
Entegris, Inc.	Reactive Gas Filter	7132011.0	9/2/2003
Entegris, Inc.	P-667/US	7370791.0	12/22/2006
Entegris, Inc.	Passivative chemical mechanical polishing composition for copper film planarization	ZL 200380108506.4	12/2/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	MY-146174-A	12/3/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH	112644.0	12/4/2003

Registered Owner	Title	Registration Number	Date Filed
	MONOLITHIC CARBON ADSORBENT		
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	ZL 200380105594.2	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	ZL200710153761.0	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	156534.0	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	10-1135452	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	10-1135453	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	10-1137461	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	1569738.0	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	5875373.0	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	2011091535.0	12/4/2003
Entegris, Inc.	MONITORING SYSTEM COMPRISING INFRARED THERMOPILE DETECTOR	6821795.0	12/9/2003

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Passivative chemical mechanical polishing composition for copper film planarization	I-338711	12/9/2003
Entegris, Inc.	POROUS SINTERED COMPOSITE MATERIAL (SUPERCRITICAL CO2 FILTER)	7112237.0	12/11/2003
Entegris, Inc.	POROUS SINTERED COMPOSITE MATERIAL (SUPERCRITICAL CO2 FILTER)	7329311.0	8/10/2006
Entegris, Inc.	POROUS SINTERED COMPOSITE MATERIAL (SUPERCRITICAL CO2 FILTER)	7534287.0	12/10/2007
Entegris, Inc.	Filter Device Having Pleated Filter Integral With Housing (Optimizer D300 and 600)	4503276.0	12/11/2003
Entegris, Inc.	POROUS SINTERED COMPOSITE MATERIAL (SUPERCRITICAL CO2 FILTER)(Wafergard)	I325874	12/12/2003
Entegris, Inc.	POROUS SINTERED COMPOSITE MATERIAL (SUPERCRITICAL CO2 FILTER)	10-1076135	12/11/2003
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS SUCH AS FILMS INCLUDING SILICON NITRIDE, SILICON DIOXIDE AND/OR SILI	7531679.0	11/14/2002
Entegris, Inc.	Photoresist removal	10-1174911	12/17/2003
Entegris, Inc.	CHEMICAL VAPOR DEPOSITION PRECURSORS FOR THE DEPOSITION OF TANTALUM-BASED MATERIALS	10-1062591	1/6/2004
Entegris, Inc.	MONOSILANE OR DISILANE DERIVATIVES AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS USING THE SAME	7579496.0	10/10/2003
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE CHEMICAL VAPOR DEPOSITION OF SILICON-CONTAINING	7601860.0	6/17/2004

Registered Owner	Title	Registration Number	Date Filed
	FILMS INCLUDING SILICON CARBONITRIDE AND SILICON OXYCARBONI		
Entegris, Inc.	P-499/US	7188644.0	5/3/2002
Entegris, Inc.	System and Method for Flow Monitoring Control	6973375.0	2/12/2004
Entegris, Inc.	System and Method for Flow Monitoring Control	7610117.0	9/19/2005
Entegris, Inc.	System and Method for Flow Monitoring Control	7740024.0	2/9/2005
Entegris, Inc.	System and Method for Flow Monitoring Control	8015995.0	5/10/2010
Entegris, Inc.	Valve Close Control	7317971.0	8/10/2006
Entegris, Inc.	Passivative chemical mechanical polishing composition for copper film planarization	7300601.0	12/10/2002
Entegris, Inc.	FLUID FLOW MEASURING AND PROPORTIONAL FLUID FLOW CONTROL DEVICE (OPTICHEM C)	7885773.0	10/17/2008
Entegris, Inc.	GAS DELIVERY SYSTEM WITH INTEGRATED VALVE MANIFOLD FUNCTIONALITY FOR SUB-ATMOSPHERIC AND SUPER-ATMOSPHERIC PRESSURE APPLICATIONS	7406979.0	5/30/2006
Entegris, Inc.	CHEMICAL VAPOR DEPOSITION PRECURSORS FOR THE DEPOSITION OF TANTALUM-BASED MATERIALS	7329768.0	1/20/2006
Entegris, Inc.	FILTER APPARATUS (SS CHEMLOCK (MTO))	4549294.0	3/4/2004
Entegris, Inc.	FILTER APPARATUS (SS CHEMLOCK (MTO))	I327927	3/5/2004
Entegris, Inc.	FILTER APPARATUS (SS CHEMLOCK (MTO))	101007814.0	3/4/2004
Entegris, Inc.	Wafer Carrier Door	D611437	3/18/2008
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	123314.0	3/12/2004
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	ZL 200480040645.2	3/12/2004

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	10-1123562	3/12/2004
Entegris, Inc.	CHEMICAL VAPOR DEPOSITION OF HIGH CONDUCTIVITY, ADHERENT THIN FILMS OF RUTHENIUM	8241704.0	4/19/2011
Entegris, Inc.	RETICLE-PELLICLE APPARATUS WITH PURGED PELLICLE-TO-RETICLE GAP	7052809.0	10/2/2003
Entegris, Inc.	PHOTOMETRICALLY MODULATED DELIVERY OF REAGENTS	10-1016856	3/25/2004
Entegris, Inc.	P-522	4536409.0	4/5/2004
Entegris, Inc.	SECURE READER SYSTEM	5597020.0	4/5/2004
Entegris, Inc.	Precursor compositions and processes for MOCVD of barrier materials in semiconductor manufacturing	7208427.0	8/18/2003
Entegris, Inc.	P-667/US	7152781.0	12/1/2003
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers, flowmeters and 6500 LFCs for HF applications)	I341920	5/14/2004
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers, flowmeters and 6500 LFCs for HF applications)	ZL 200480016930.0	7/19/2001
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers, flowmeters and 6500 LFCs for HF applications)	117777.0	5/14/2004
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers,	10-1107464	5/14/2004
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in	5033421.0	5/14/2004



Registered Owner	Title	Registration Number	Date Filed
	pressure transducers, flowmeters and 6500 LFCs for HF applications)		
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	7300038.0	6/1/2004
Entegris, Inc.	Fluid storage and dispensing vessels having colorimetrically verifiable leak-tightness, and method of making same	7253002.0	11/3/2003
Entegris, Inc.	Fluid storage and dispensing vessels having colorimetrically verifiable leak-tightness, and method of making same	8003391.0	6/30/2007
Entegris, Inc.	Chemical mechanical planarization pad	7335239.0	11/17/2003
Entegris, Inc.	Self-regenerative process for contaminant removal from ammonia (used in Infinity systems, now Aeronex branded)	7824628.0	5/7/2002
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS SUCH AS FILMS INCLUDING SILICON NITRIDE, SILICON DIOXIDE AND/OR SILI	7446217.0	10/31/2003
Entegris, Inc.	POLYTETRAFLUOROETHYLENE TREATMENT	I352712	6/16/2004
Entegris, Inc.	POLYTETRAFLUOROETHYLENE TREATMENT	10-1110897	6/23/2004
Entegris, Inc.	POLYTETRAFLUOROETHYLENE TREATMENT	ZL200480017817.4	6/23/2004
Entegris, Inc.	POLYTETRAFLUOROETHYLENE TREATMENT	10-1173811	6/23/2004
Entegris, Inc.	POLYTETRAFLUOROETHYLENE TREATMENT	5369074.0	6/23/2004
Entegris, Inc.	POLYTETRAFLUOROETHYLENE TREATMENT	ZL201210112290.X	6/23/2004
Entegris, Inc.	POLYTETRAFLUORETHYLENE TREATMENT	2418226.0	6/23/2004
Entegris, Inc.	FLUOROPOLYMER FLOWMETER,	6973705.0	7/2/2004

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE CHEMICAL VAPOR DEPOSITION OF SILICON-CONTAINING FILMS INCLUDING SILICON CARBONITRIDE AND SILICON OXYCARBONI	9783558.0	7/14/2015
Entegris, Inc.	EXTENDED STROKE VALVE AND DIAPHRAGM (Integra)	7063304.0	7/8/2004
Entegris, Inc.	EXTENDED STROKE VALVE AND DIAPHRAGM (Integra)	I-320833	7/9/2004
Entegris, Inc.	AIR HANDLING AND CHEMICAL FILTRATION SYSTEM AND METHOD	7329308.0	7/9/2004
Entegris, Inc.	EXTENDED STROKE VALVE AND DIAPHRAGM (Integra)	ZL 200480023069.0	7/9/2004
Entegris, Inc.	FLUID EXCHANGE DEVICE (pHasor X heat exchanger)	8091618.0	9/26/2002
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcare) (Project No. 623)	I286096	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcare) (Project No. 623)	ZL 200480029204.2	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcare) (Project No. 623)	4965253.0	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcare) (Project No. 623)	10-1158137	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcare) (Pro	5460517.0	7/13/2004
Entegris, Inc.	Valve Close Control	7107128.0	2/13/2004

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Lithographic Projection Apparatus, Gas Purging Method, Device Manufacturing Method and Purge Gas Supply System (ASML Case)	I251130	7/20/2004
Entegris, Inc.	Lithographic Projection Apparatus, Gas Purging Method, Device Manufacturing Method and Purge Gas Supply System (ASML Case)	10-0846184	7/20/2004
Entegris, Inc.	Lithographic Projection Apparatus, Gas Purging Method, Device Manufacturing Method and Purge Gas Supply System (ASML Case)	124443.0	7/20/2004
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/TW	I316871	7/21/2004
Entegris, Inc.	Lithographic Projection Apparatus, Gas Purging Method, Device Manufacturing Method and Purge Gas Supply System (ASML Case)	1649325.0	7/20/2004
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/US	7510692.0	7/21/2004
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/CN	ZL 200480021274.3	7/21/2004
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/KR	10-0945095	7/21/2004
Entegris, Inc.	Hydride Gas Purification for the Semiconductor Industry (Gatekeeper model and Aeronex model)/JP	4664913.0	7/21/2004
Entegris, Inc.	SIMPLIFIED FILTER ASSEMBLY USING DISC SHAPED FILTER MEMBRANE (Optimizer C47)	4584838.0	8/6/2004
Entegris, Inc.	THERMAL MANAGEMENT, HEAT EXCHANGER	7822586.0	8/11/2004
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	D622920	5/2/2007
Entegris, Inc.	MONITORING SYSTEM COMPRISING INFRARED THERMOPILE DETECTOR	I346993	9/21/2004
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE	7152478.0	5/16/2003

Registered Owner	Title	Registration Number	Date Filed
	ENVIRONMENT (NT part)Used in pressure transducers,		
Entegris, Inc.	SHIPPER WITH TOOTH DESIGN FOR IMPROVED LOADING	I-337160	10/9/2004
Entegris, Inc.	SHIPPER WITH TOOTH DESIGN FOR IMPROVED LOADING	4809771.0	10/12/2004
Entegris, Inc.	SUBSTRATE CONTAINER (SPECTRA)	10-0849276	10/25/2004
Entegris, Inc.	SUBSTRATE CONTAINER (SPECTRA)	I-329604	10/26/2004
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEM INCLUDING DYNAMIC FLUID MONITORING OF FLUID STORAGE AND DISPENSING VESSEL	7955797.0	10/25/2004
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEM INCLUDING DYNAMIC FLUID MONITORING OF FLUID STORAGE AND DISPENSING VESSEL	9170246.0	10/15/2013
Entegris, Inc.	Fluid storage and dispensing vessels having colorimetrically verifiable leak-tightness, and method of making same	I346757	11/3/2004
Entegris, Inc.	WAFER CONTAINER AND DOOR WITH VIBRATION DAMPENING LATCHING MECHANISM (Spectra)	7182203.0	11/5/2004
Entegris, Inc.	WAFER CONTAINER AND DOOR WITH VIBRATION DAMPENING LATCHING MECHANISM (Spectra)	I-348449	11/8/2004
Entegris, Inc.	WAFER CARRIER DOOR (SPECTRA)	I-376008	11/8/2004
Entegris, Inc.	FRONT OPENING SUBSTRATE CONTAINER WITH BOTTOM PLATE (SPECTRA)	7201276.0	11/5/2004
Entegris, Inc.	WAFER CONTAINER AND DOOR WITH VIBRATION DAMPENING LATCHING MECHANISM (Spectra)	10-0854194	11/8/2004

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	FRONT OPENING SUBSTRATE CONTAINER WITH BOTTOM PLATE (SPECTRA)	10-0919733	11/8/2004
Entegris, Inc.	FRONT OPENING SUBSTRATE CONTAINER WITH BOTTOM PLATE (SPECTRA)	7866480.0	4/10/2007
Entegris, Inc.	FRONT OPENING SUBSTRATE CONTAINER WITH BOTTOM PLATE (SPECTRA)	4848285.0	11/8/2004
Entegris, Inc.	FRONT OPENING SUBSTRATE CONTAINER WITH BOTTOM PLATE (SPECTRA)	I-381478	11/8/2004
Entegris, Inc.	WAFER CONTAINER WITH DOOR ACTUATED WAFER RESTRAINT (SPECTRA)	7100772.0	11/15/2004
Entegris, Inc.	WAFER CONTAINER WITH DOOR ACTUATED WAFER RESTRAINT (SPECTRA)	7900776.0	9/1/2006
Entegris, Inc.	WAFER CONTAINER WITH DOOR ACTUATED WAFER RESTRAINT (SPECTRA)	10-0853902	11/16/2004
Entegris, Inc.	WAFER CONTAINER WITH DOOR ACTUATED WAFER RESTRAINT (SPECTRA)	882393.0	11/16/2004
Entegris, Inc.	WAFER CONTAINER WITH DOOR ACTUATED WAFER RESTRAINT (SPECTRA)	4927555.0	11/16/2004
Entegris, Inc.	WAFER CONTAINER WITH DOOR ACTUATED WAFER RESTRAINT (SPECTRA)	I-366547	11/16/2004
Entegris, Inc.	WAFER CONTAINER WITH DOOR ACTUATED WAFER RESTRAINT (SPECTRA)	5450363.0	11/16/2004
Entegris, Inc.	Photoresist removal	8236485.0	3/14/2003
Entegris, Inc.	Photoresist Removal	US 8679734 B2	8/7/2012
Entegris, Inc.	WAFER CARRIER DOOR (SPECTRA)	7344030.0	11/5/2004
Entegris, Inc.	GAS DELIVERY SYSTEM WITH INTEGRATED VALVE MANIFOLD FUNCTIONALITY FOR SUB-ATMOSPHERIC AND SUPER-ATMOSPHERIC PRESSURE APPLICATIONS	I340805	11/22/2004

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	P-667/TW	I371717	11/26/2004
Entegris, Inc.	P-667/TW	I494860	11/26/2004
Entegris, Inc.	P-667/CN	ZL201210021487.2	11/29/2004
Entegris, Inc.	P-667/SG	122584.0	11/29/2004
Entegris, Inc.	P-667/JP	4874117.0	11/29/2004
Entegris, Inc.	P-667/CN	ZL200480040440.4	11/29/2004
Entegris, Inc.	P-667/KR	1186055.0	11/29/2004
Entegris, Inc.	Manufacturing System with Intrinsicly Safe Electric Information Storage	5384592.0	11/29/2004
Entegris, Inc.	P-667/KR	10-1335773	11/29/2004
Entegris, Inc.	System and Methods for Detecting Contaminants	7430893.0	12/1/2004
Entegris, Inc.	Resist, Barc and Gap Fill Material Stripping Chemical and Method	7888301 B2	12/1/2004
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	I361960	12/7/2004
Entegris, Inc.	SHIPPER WITH TOOTH DESIGN FOR IMPROVED LOADING	6994217.0	10/12/2004
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/CN	ZL201430522752.5	12/12/2014
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	MY-154550-A	12/16/2004
Entegris, Inc.	POTTED EXCHANGE DEVICES AND METHODS OF MAKING This is a combination of 200300150 and 200400016 (PHASOR)	4958561.0	12/21/2004
Entegris, Inc.	POTTED EXCHANGE DEVICES AND METHODS OF MAKING This is a combination of 200300150 and 200400016 (/KR	10-1230694	12/21/2004
Entegris, Inc.	POTTED EXCHANGE DEVICES AND METHODS OF MAKING This is a combination of 200300150 and 200400016 (PHASOR)	10-1257959	12/21/2004
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	133037.0	12/21/2005
Entegris, Inc.	SUBSTRATE CONTAINER (SPECTRA)	7347329.0	10/22/2004
Entegris, Inc.	MAGNETIC FLOW-METER WITH UNIBODY CONSTRUCTION AND	7343817.0	5/31/2007

Registered Owner	Title	Registration Number	Date Filed
	CONDUCTIVE POLYMER ELECTRODES		
Entegris, Inc.	System and Method for Flow Monitoring Control	I361341	2/5/2005
Entegris, Inc.	Valve Close Control	I399628	2/5/2005
Entegris, Inc.	Valve Close Control	4729504.0	2/7/2005
Entegris, Inc.	Valve Close Control	10-1162390	2/7/2005
Entegris, Inc.	Valve Close Control	5314059.0	2/7/2005
Entegris, Inc.	System and Method for Flow Monitoring Control	5186530.0	2/9/2005
Entegris, Inc.	System and Method for Flow Monitoring Control/KR	1362601.0	2/9/2005
Entegris, Inc.	System and Method for Flow Monitoring Control/JP	5613748.0	5/6/2010
Entegris, Inc.	WAFER CARRIER RING/TW	D160525	2/27/2013
Entegris, Inc.	TANTALUM AMIDE PRECURSORS FOR DEPOSITION OF TANTALUM NITRIDE ON A SUBSTRATE	6015917.0	2/28/2005
Entegris, Inc.	Composition and process for post-etch removal of photoresist and/or sacrificial anti-reflective material deposited on a substrate	I-408728	3/1/2005
Entegris, Inc.	Composition and process for post-etch removal of photoresist and/or sacrificial anti-reflective material deposited on a substrate	125378.0	3/2/2005
Entegris, Inc.	Composition and process for post-etch removal of photoresist and/or sacrificial anti-reflective material deposited on a substrate	4758982.0	3/2/2005
Entegris, Inc.	Composition and process for post-etch removal of photoresist and/or sacrificial anti-reflective material deposited on a substrate	ZL200580010540.7	3/2/2005
Entegris, Inc.	Composition and process for post-etch removal of photoresist and/or sacrificial anti-reflective material deposited on a substrate	1730600.0	3/2/2005
Entegris, Inc.	Modified Spring Cushion for Film Frame Shipper/TW	M510539	4/1/2015
Entegris, Inc.	CHEMICAL VAPOR DEPOSITION OF HIGH CONDUCTIVITY,	7285308.0	3/18/2004

Registered Owner	Title	Registration Number	Date Filed
	ADHERENT THIN FILMS OF RUTHENIUM		
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	I356141	4/11/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	147252.0	4/11/2005
Entegris, Inc.	COMPOSITION AND METHOD FOR LOW TEMPERATURE CHEMICAL VAPOR DEPOSITION OF SILICON-CONTAINING FILMS INCLUDING SILICON CARBONITRIDE AND SILICON OXYCARBONI	I386414	4/11/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	1737758.0	4/13/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	1737758.0	4/13/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	1737758.0	4/13/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	1737758.0	4/13/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	1737758.0	4/13/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	1737758.0	4/13/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	1737758.0	4/13/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	1174928.0	4/13/2005
Entegris, Inc.	LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL	5186583.0	4/13/2005



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SUBSTRATE CONTAINER WITH FLUID-SEALING FLOW PASSAGEWAY (SMIF POD)	7328727.0	4/17/2005
Entegris, Inc.	SUBSTRATE CONTAINER WITH FLUID-SEALING FLOW PASSAGEWAY (SMIF POD)	ZL 200580019675.X	4/18/2005
Entegris, Inc.	WAFER CONTAINER WITH SEALABLE DOOR	ZL 200580019833.1	4/18/2005
Entegris, Inc.	SUBSTRATE CONTAINER WITH FLUID-SEALING FLOW PASSAGEWAY (SMIF POD)	ZL 200910148668.X	4/18/2005
Entegris, Inc.	WAFER CONTAINER WITH SEALABLE DOOR	4896007.0	4/18/2005
Entegris, Inc.	WAFER CONTAINER WITH SEALABLE DOOR	I-364386	4/18/2005
Entegris, Inc.	SUBSTRATE CONTAINER WITH FLUID-SEALING FLOW PASSAGEWAY (SMIF POD)	10-1213311	4/18/2005
Entegris, Inc.	SUBSTRATE CONTAINER WITH FLUID-SEALING FLOW PASSAGEWAY (SMIF POD)	5213440.0	4/18/2005
Entegris, Inc.	SUBSTRATE CONTAINER WITH FLUID-SEALING FLOW PASSAGEWAY (SMIF POD)	5301589.0	4/18/2005
Entegris, Inc.	Passivative chemical mechanical polishing composition for copper film planarization	8236695.0	9/19/2008
Entegris, Inc.	CHEMICAL VAPOR DEPOSITION OF HIGH CONDUCTIVITY, ADHERENT THIN FILMS OF RUTHENIUM	8034407.0	5/17/2007
Entegris, Inc.	Aqueous cleaner with low metal etch rate comprising alkanolamine and tetraalkylammonium hydroxide	7365045.0	3/30/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	127981.0	6/1/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	1750833.0	6/1/2005

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	1750833.0	6/1/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	1750833.0	6/1/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	1750833.0	6/1/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	10-1181011	6/1/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	ZL 201010259171.8	6/1/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	10-1247824	6/1/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	158097.0	6/1/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	5342139.0	6/1/2005
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	179494.0	6/1/2005
Entegris, Inc.	A VAPOR DELIVERY VESSEL AND A METHOD OF PROVIDING A VAPORIZABLE SOURCE MATERIAL WITHIN A VESSEL	ZL 2012105323575	6/1/2005
Entegris, Inc.	AN APPARATUS FOR DELIVERING VAPORIZED SOURCE MATERIAL	ZL 2012105340496	6/1/2005

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Systems and Method for Removing Contaminants	128033.0	6/7/2005
Entegris, Inc.	Systems and Method for Removing Contaminants	ZL 200580026690.7	6/7/2005
Entegris, Inc.	Systems and Method for Removing Contaminants	4921367.0	6/7/2005
Entegris, Inc.	THIN WAFER INSERT, THIN WAFER INSERT	7219802.0	11/24/2003
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEM INCLUDING DYNAMIC FLUID MONITORING OF FLUID STORAGE AND DISPENSING VESSEL	8555705.0	6/28/2011
Entegris, Inc.	WRENCH	ZL201530216403.5	6/26/2015
Entegris, Inc.	LIQUID DISPENSING SYSTEM	7172096.0	11/15/2004
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEM INCLUDING DYNAMIC FLUID MONITORING OF FLUID STORAGE AND DISPENSING VESSEL	9097611.0	6/7/2011
Entegris, Inc.	Optimizer Filter and Manifold/	2094686.0	8/3/2000
Entegris, Inc.	Pleated cartridge filter (Combination W and M pleat)	4634890.0	8/15/2005
Entegris, Inc.	Porogen material	7342295.0	3/3/2005
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	9802749.0	4/16/2015
Entegris, Inc.	WAFER CONTAINER AND DOOR WITH VIBRATION DAMPENING LATCHING MECHANISM (Spectra)	7677393.0	1/10/2007
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	9802808.0	7/29/2015
Entegris, Inc.	LIQUID DISPENSING SYSTEM	I344937	10/13/2005
Entegris, Inc.	APPARATUS FOR A LIQUID CHEMICAL CONCENTRATION ANALYSIS SYSTEM InVue (TM) (CR-288) (Jetalon)/US	7319523.0	9/26/2005
Entegris, Inc.	LIQUID DISPENSING SYSTEM	ZL200580046598.7	10/14/2005

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	LIQUID DISPENSING SYSTEM	132319.0	10/14/2005
Entegris, Inc.	LIQUID DISPENSING SYSTEM	10-1278096	10/14/2005
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEM INCLUDING DYNAMIC FLUID MONITORING OF FLUID STORAGE AND DISPENSING VESSEL	10-1170581	10/24/2005
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEM INCLUDING DYNAMIC FLUID MONITORING OF FLUID STORAGE AND DISPENSING VESSEL	MY-147702-A	10/24/2005
Entegris, Inc.	Low Hold Up/Variable Home Position for Dispense Systems (Used in Intelligen Mini and HV)	5079516.0	11/21/2005
Entegris, Inc.	Low Hold Up/Variable Home Position for Dispense Systems (Used in Intelligen Mini and HV)	1212824.0	11/21/2005
Entegris, Inc.	Low Hold Up/Variable Home Position for Dispense Systems (Used in Intelligen Mini and HV)/KR	10-1231945	11/21/2005
Entegris, Inc.	Low Hold Up/Variable Home Position for Dispense Systems (Used in Intelligen Mini and HV)	ZL200580039961.2	11/21/2005
Entegris, Inc.	Low Hold Up/Variable Home Position for Dispense Systems (Used in Intelligen Mini and HV)	I409386	11/22/2005
Entegris, Inc.	Low Hold Up/Variable Home Position for Dispense Systems (Used in Intelligen Mini and HV)/US	8814536.0	7/20/2012
Entegris, Inc.	System and Method for a Variable Home Position Dispense System (Used in Intelligen Mini and HV)	5740238.0	11/21/2005
Entegris, Inc.	Low Hold Up/Variable Home Position for Dispense Systems (Used in Intelligen Mini and HV)/JP	5964914.0	11/21/2005
Entegris, Inc.	WAFER CONTAINER WITH SECONDARY WAFER RESTRAINT SYSTEM (SPECTRA)	7523830.0	11/22/2005

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	WAFER CONTAINER WITH SECONDARY WAFER RESTRAINT SYSTEM (SPECTRA)	I363027	11/22/2005
Entegris, Inc.	WAFER CONTAINER WITH SECONDARY WAFER RESTRAINT SYSTEM (SPECTRA)	4918495.0	11/23/2005
Entegris, Inc.	WAFER CONTAINER WITH SECONDARY WAFER RESTRAINT SYSTEM (SPECTRA)	10-1230775	11/23/2005
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/DE	212015000036.0	11/23/2015
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/CN	ZL 201590000189.2	11/23/2015
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/JP	3217688.0	11/23/2015
Entegris, Inc.	PURIFIER INFORMATION RETREIVAL SYSTEM	8664004.0	2/20/2004
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	1958039.0	11/20/2006
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	1958039.0	11/20/2006
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	1958039.0	11/20/2006
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	1958039.0	11/20/2006
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	7940664.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)	8029247.0	11/20/2006
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcove) PC4424	8092730.0	11/21/2006
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	1833597.0	12/21/2005

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	1833597.0	12/21/2005
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	1833597.0	12/21/2005
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	ZL 200580044304.7	12/21/2005
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	2263784.0	12/21/2005
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	10-1280204	12/21/2005
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	I411631	12/22/2005
Entegris, Inc.	METHODS AND APPARATUS FOR ELECTROPHORETIC MOBILITY DETERMINATION USING PHASE LIGHT SCATTERING ANALYSIS	7295311.0	12/1/2004
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	7702418.0	12/19/2003
Entegris, Inc.	Composition useful for removal of post-etch photoresist and bottom anti-reflection coatings	7994108.0	1/9/2006
Entegris, Inc.	Composition useful for removal of post-etch photoresist and bottom anti-reflection coatings	1365784.0	1/9/2006
Entegris, Inc.	Composition useful for removal of post-etch photoresist and bottom anti-reflection coatings	ZL200680007314.8.8	1/9/2006
Entegris, Inc.	SCALABLE LEAD ZIRCONIUM TITANATE (PZT) THIN FILM MATERIAL AND DEPOSITION METHOD, AND FERROELECTRIC MEMORY DEVICE STRUCTURES COMPRISING SUCH THIN FILM	7705382.0	10/26/2007

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	COMPOSITIONS FOR PROCESSING OF SEMICONDUCTOR SUBSTRATES	I-538033	1/26/2006
Entegris, Inc.	COMPOSITIONS FOR PROCESSING OF SEMICONDUCTOR SUBSTRATES	I-393178	1/26/2006
Entegris, Inc.	COMPOSITIONS FOR PROCESSING OF SEMICONDUCTOR SUBSTRATES	1331747.0	1/26/2006
Entegris, Inc.	COMPOSITIONS FOR PROCESSING OF SEMICONDUCTOR SUBSTRATES	5600376.0	1/26/2006
Entegris, Inc.	MAGNETIC FLOW-METER WITH UNIBODY CONSTRUCTION AND CONDUCTIVE POLYMER ELECTRODES	7155983.0	2/4/2005
Entegris, Inc.	MAGNETIC FLOW-METER WITH UNIBODY CONSTRUCTION AND CONDUCTIVE POLYMER ELECTRODES	4956445.0	2/2/2006
Entegris, Inc.	MAGNETIC FLOW-METER WITH UNIBODY CONSTRUCTION AND CONDUCTIVE POLYMER ELECTRODES	10-1232494	2/2/2006
Entegris, Inc.	System and Method for Flow Monitoring Control	I345142	2/6/2006
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Pro/US	10040226.0	12/29/2014
Entegris, Inc.	WAFER CONTAINER AND DOOR WITH CAM LATCHING MECHANISM (SPECTRA)	7325693.0	11/15/2004
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)	7575616.0	2/10/2006
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)	7806949.0	7/27/2009

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)	7967882.0	10/4/2010
Entegris, Inc.	ISOLATION SYSTEM FOR RETICLE POD (Extreme Ultraviolet (EUV))	7607543.0	2/26/2006
Entegris, Inc.	ISOLATION SYSTEM FOR RETICLE POD (Extreme Ultraviolet (EUV))	I370093	2/27/2006
Entegris, Inc.	BOTTOM OPENING CONTAINER	201611087.0	2/29/2016
Entegris, Inc.	SUBSTRATE CONTAINER WITH FLUID-SEALING FLOW PASSAGEWAY (SMIF POD)	8727125.0	2/5/2008
Entegris, Inc.	SYSTEM FOR DELIVERY OF REAGENTS FROM SOLID SOURCES THEREOF	4922286.0	3/9/2006
Entegris, Inc.	SYSTEM FOR DELIVERY OF REAGENTS FROM SOLID SOURCES THEREOF	ZL 200680016777.0	3/9/2006
Entegris, Inc.	SYSTEM FOR DELIVERY OF REAGENTS FROM SOLID SOURCES THEREOF	5265750.0	3/9/2006
Entegris, Inc.	SYSTEM FOR DELIVERY OF REAGENTS FROM SOLID SOURCES THEREOF	10-1299791	3/9/2006
Entegris, Inc.	SYSTEM FOR DELIVERY OF REAGENTS FROM SOLID SOURCES THEREOF	10-1300266	3/9/2006
Entegris, Inc.	SYSTEM FOR DELIVERY OF REAGENTS FROM SOLID SOURCES THEREOF	I436818	3/15/2006
Entegris, Inc.	Filter Device Having Pleated Filter Integral With Housing (Optimizer D300 and 600)	7404493.0	3/23/2005
SAES Pure Gas, Inc	Air purification system with regenerative purification units	7449054.0	8/25/2005
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	7963401.0	3/28/2007
Entegris, Inc.	RETICLE POD WITH INTERNAL ENVIRONMENT CONTROL MEANS (RSP3 SMIF POD and CLARILITE)	ZL 200680011202.X	4/4/2006
Entegris, Inc.	RETICLE POD WITH INTERNAL ENVIRONMENT CONTROL	1866094.0	4/4/2006



Registered Owner	Title	Registration Number	Date Filed
	MEANS (RSP3 SMIF POD and CLARILITE)		
Entegris, Inc.	RETICLE POD WITH INTERNAL ENVIRONMENT CONTROL MEANS (RSP3 SMIF POD and CLARILITE)	5269586.0	4/4/2006
Entegris, Inc.	RETICLE POD WITH INTERNAL ENVIRONMENT CONTROL MEANS (RSP3 SMIF POD and CLARILITE)	10-1323420	4/4/2006
Entegris, Inc.	RETICLE POD WITH INTERNAL ENVIRONMENT CONTROL MEANS (RSP3 SMIF POD and CLARILITE)	I415209	4/4/2006
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)	8382444.0	1/3/2011
Entegris, Inc.	DRUM CAP VENTING DEVICE	I370791	4/7/2006
Entegris, Inc.	DRUM CAP VENTING DEVICE	5080444.0	4/7/2006
Entegris, Inc.	DRUM CAP VENTING DEVICE	10-1310575	4/7/2006
Entegris, Inc.	IDENTIFICATION AND VERIFICATION SYSTEM FOR FLUID DISPENSING SYSTEM	135866.0	4/10/2006
Entegris, Inc.	HIGH VOLUME FLUID DISPENSE SYSTEM	ZL 200680011293.7	4/10/2006
Entegris, Inc.	IDENTIFICATION AND VERIFICATION SYSTEM FOR FLUID DISPENSING SYSTEM	ZL 200680011192.X	4/10/2006
Entegris, Inc.	IDENTIFICATION AND VERIFICATION SYSTEM FOR FLUID DISPENSING SYSTEM	5020231.0	4/10/2006
Entegris, Inc.	HIGH VOLUME FLUID DISPENSE SYSTEM	5086237.0	4/10/2006
Entegris, Inc.	IDENTIFICATION AND VERIFICATION SYSTEM FOR FLUID DISPENSING SYSTEM	10-1203797	4/10/2006
Entegris, Inc.	IDENTIFICATION AND VERIFICATION SYSTEM FOR FLUID DISPENSING SYSTEM	I401204	4/10/2006
Entegris, Inc.	HIGH VOLUME FLUID DISPENSE SYSTEM	I401203	4/10/2006
Entegris, Inc.	HIGH VOLUME FLUID DISPENSE SYSTEM	10-1319179	4/10/2006

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	HIGH VOLUME FLUID DISPENSE SYSTEM	161240.0	4/10/2006
Entegris, Inc.	HIGH VOLUME FLUID DISPENSE SYSTEM/SG	183775.0	4/10/2006
Entegris, Inc.	RETICLE POD WITH INTERNAL ENVIRONMENT CONTROL MEANS (RSP3 SMIF POD and CLARILITE)	7400383.0	4/3/2006
Entegris, Inc.	reducing microbubbles in chemicals	I372073	4/25/2006
Entegris, Inc.	MATERIAL STORAGE AND DISPENSING PACKAGES AND METHODS	I-486292	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	136715.0	4/25/2006
Entegris, Inc.	MATERIAL STORAGE AND DISPENSING PACKAGES AND METHODS	4920678.0	4/25/2006
Entegris, Inc.	MATERIAL STORAGE AND DISPENSING PACKAGES AND METHODS	MY-146226	4/25/2006
Entegris, Inc.	MATERIAL STORAGE AND DISPENSING PACKAGES AND METHODS	1211458.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	153847.0	4/25/2006
Entegris, Inc.	MATERIAL STORAGE AND DISPENSING PACKAGES AND METHODS	ZL 200680022738.1	4/25/2006
Entegris, Inc.	MATERIAL STORAGE AND DISPENSING PACKAGES AND METHODS	I391301	4/25/2006
Entegris, Inc.	reducing microbubbles in chemicals	1262410.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	1297004.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING	1309367.0	4/25/2006

Registered Owner	Title	Registration Number	Date Filed
	SYSTEMS WITH EMPTY DETECTION CAPABILITY		
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	1312237.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	ZL 200680022747.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	I409213	4/25/2006
Entegris, Inc.	reducing microbubbles in chemicals	5586845.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	ZL201110233868.2	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	9073028.0	11/2/2012
Entegris, Inc.	Method and Apparatus for Treating Fluids to Reduce Microbubbles/JP	5911526.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	1879829.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	186677.0	4/25/2006
Entegris, Inc.	SUBSTRATE SHIPPER	D2011/536/G	4/29/2011
Entegris, Inc.	SUBSTRATE SHIPPER	3-2011-000375	4/29/2011
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEMS, AND FLUID SUPPLY PROCESSES COMPRISING SAME	CN101213008B	5/3/2006
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEMS, AND FLUID SUPPLY PROCESSES COMPRISING SAME	8282023.0	5/31/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEMS, AND FLUID SUPPLY PROCESSES COMPRISING SAME	161861.0	5/3/2006
Entegris, Inc.	copper passivating post-chemical mechanical polishing cleaning composition and method of use	I-507521	5/26/2006
Entegris, Inc.	copper passivating post-chemical mechanical polishing cleaning composition and method of use	I-418622	5/26/2006
Entegris, Inc.	Composition and process for post-etch removal of photoresist and/or sacrificial anti-reflective material deposited on a substrate	8338087.0	3/3/2004
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	EP1896359	6/5/2006
SAES Pure Gas, Inc	System and method for reducing thermal shock in a hydrogen diffusion cell	7407529.0	12/29/2004
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	137633.0	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	5453234.0	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	5475990.0	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	I429580	6/6/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	10-1384427	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	ZL 200680026054.9	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	ZL201010609240.3	6/5/2006

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	ZL2010102813910	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	9079758.0	5/31/2011
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	162759.0	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	2388231.0	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	2388232.0	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	MY-142284-A	6/6/2006
Entegris, Inc.	INTEGRATED CHEMICAL MECHANICAL POLISHING COMPOSITION AND PROCESS FOR SINGLE PLATEN PROCESSING	1332302.0	6/6/2006
Entegris, Inc.	Metal and Dielectric Compatible Sacrificial Anti-Reflective Coating Cleaning and Removal Composition	I-516574	6/7/2006
Entegris, Inc.	METAL AND DIELECTRIC COMPATIBLE SACRIFICIAL ANTI-REFLECTIVE COATING CLEANING AND REMOVAL COMPOSITION	I622639	6/7/2006
Entegris, Inc.	Metal and Dielectric Compatible Sacrificial Anti-Reflective Coating Cleaning and Removal Composition	I-408212	6/7/2006
Entegris, Inc.	Metal and Dielectric Compatible Sacrificial Anti-Reflective Coating Cleaning and Removal Composition	1332501.0	6/7/2006
Entegris, Inc.	Metal and Dielectric Compatible Sacrificial Anti-Reflective Coating Cleaning and Removal Composition	1431406.0	6/7/2006
Entegris, Inc.	Metal and Dielectric Compatible Sacrificial Anti-Reflective Coating Cleaning and Removal Composition	1477455.0	6/7/2006

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	PHOTOMETRICALLY MODULATED DELIVERY OF REAGENTS	7325560.0	6/15/2006
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D2011/694/B	6/21/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D2011/692/Z	6/21/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D2011/695/I	6/21/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D2011/693/F	6/21/2011
Entegris, Inc.	APPARATUS AND PROCESS FOR INTEGRATED GAS BLENDING	I552797	6/22/2006
Entegris, Inc.	APPARATUS AND PROCESS FOR INTEGRATED GAS BLENDING	I241922.0	6/22/2006
Entegris, Inc.	APPARATUS AND PROCESS FOR INTEGRATED GAS BLENDING	I402098	6/22/2006
Entegris, Inc.	METAL ION CONCENTRATION ANALYSIS FOR LIQUIDS (Jetalon)/US	7317533.0	1/14/2005
Entegris, Inc.	CHEMICALLY INERT FLOW CONTROL WITH NON-CONTAMINATING BODY	7866337.0	7/7/2006
Entegris, Inc.	CHEMICALLY INERT FLOW CONTROL WITH NON-CONTAMINATING BODY	5256032.0	7/10/2006
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)	I415665	7/11/2006
Entegris, Inc.	CHEMICALLY INERT FLOW CONTROL WITH NON-CONTAMINATING BODY	I421660	7/10/2006
Entegris, Inc.	CHEMICALLY INERT FLOW CONTROL WITH NON-CONTAMINATING BODY	10-1358607	7/10/2006
Entegris, Inc.	MATERIAL MANAGEMENT SYSTEM AND METHOD FOR SUPPLYING LIQUID STORED IN LIQUID STORAGE VESSELS TO SUBSTRATE	I598759	7/10/2007
Entegris, Inc.	MATERIAL MANAGEMENT SYSTEM AND METHOD FOR SUPPLYING LIQUID STORED IN	I611313	7/10/2007

Registered Owner	Title	Registration Number	Date Filed
	LIQUID STORAGE VESSELS TO SUBSTRATE		
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)	137960.0	7/11/2006
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)	ZL 200680025174.7	7/11/2006
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)	5201998.0	7/11/2006
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)	ZL201110135601.X	7/11/2006
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)	10-1343692	7/11/2006
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)/JP	5689450.0	7/11/2006
SAES Pure Gas, Inc	System and method for efficiently separating hydrogen gas from a mixed gas source	7396385.0	3/31/2005
Entegris, Inc.	SUBSTRATE SHIPPER	D664851	10/29/2010
Entegris, Inc.	Valve Close Control	8082066.0	11/9/2007
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)	7997420.0	8/13/2007
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS	ZL 201310020125.6	8/30/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS	I520905	8/30/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS	ZL 200680038622.7	8/30/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS, AND FORMATION OF LARGE BORON HYDRIDES FOR IMPLANTATION	1297917.0	8/30/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON	1297964.0	8/30/2006

Registered Owner	Title	Registration Number	Date Filed
	PRECURSORS, AND FORMATION OF LARGE BORON HYDRIDES FOR IMPLANTATION		
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS, AND FORMATION OF LARGE BORON HYDRIDES FOR IMPLANTATION	165321.0	8/30/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS, AND FORMATION OF LARGE BORON HYDRIDES FOR IMPLANTATION	5591470.0	8/30/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS	1933992.0	8/30/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS	I476292	8/30/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS, AND FORMATION OF LARGE BORON HYDRIDES FOR IMPLANTATION	6234230.0	8/30/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	ZL 200680044197.2	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	1928764.0	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	1928764.0	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	1928764.0	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	1928764.0	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	1928764.0	9/27/2006
Entegris, Inc.	RETICLE POD	8231005.0	9/27/2006



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	5054012.0	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	I391304	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	165407.0	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	5608702.0	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	10-1442264	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	10-1442451	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	10-1532893	9/27/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	MY-154896-A	9/27/2006
Entegris, Inc.	WAFER CONTAINER WITH SEALABLE DOOR	7578407.0	4/17/2005
Entegris, Inc.	OXIDIZING AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	ZL200680045616.4	10/4/2006
Entegris, Inc.	OXIDIZING AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	1444468.0	10/4/2006
Entegris, Inc.	OXIDIZING AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	166130.0	10/4/2006
Entegris, Inc.	OXIDIZING AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	I-428440	10/5/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS, AND FORMATION OF LARGE BORON HYDRIDES FOR IMPLANTATION	8389068.0	10/27/2010
Entegris, Inc.	Exterior 450mm Container configuration.	D668865	10/19/2010
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	9745119.0	12/23/2013
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR	5031759.0	11/1/2006

Registered Owner	Title	Registration Number	Date Filed
	SUBCOMPONENT INTO A UNITARY MONOLITH		
Entegris, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLITH	EP 1946155	11/1/2006
Entegris, Inc.	Composition and Method for Recycling Semiconductor Wafers Having Low-K Dielectric Materials Thereon	I-513799	11/9/2006
Entegris, Inc.	Composition and Method for Recycling Semiconductor Wafers Having Low-K Dielectric Materials Thereon	ZL200680050730.6	11/9/2006
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)	ZL 201210151908.3	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)	ZL 201210365592.8	11/20/2006
Entegris, Inc.	O-RING-LESS LOW PROFILE FITTING AND ASSEMBLY THEREOF (design around Of Super fitting sold by Nippon Pillar) (used in Intelligen Mini and HV)	7547049.0	11/20/2006
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	4845969.0	11/20/2006
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	142871.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)	8083498.0	11/20/2006
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	ZL 200680050809.9	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)	ZL 200680050801.2	11/20/2006

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)	ZL 200680043297.3	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR VALVE SEQUENCING IN A PUMP (Intelligen Mini and HV)	ZL 200680050814.X	11/20/2006
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	ZL200680052347.4	11/21/2006
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)	1243509.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)	5241506.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR VALVE SEQUENCING IN A PUMP (Intelligen Mini and HV)	5253178.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR VALVE SEQUENCING IN A PUMP (Intelligen Mini and HV)	I395870	11/21/2006
Entegris, Inc.	ERROR VOLUME SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	I395871	11/21/2006
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)	ZL 200680051448.X	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)	1279747.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR VALVE SEQUENCING IN A PUMP (Intelligen Mini and HV)	1281210.0	11/20/2006
Entegris, Inc.	O-RING-LESS LOW PROFILE FITTING AND ASSEMBLY THEREOF (design around Of Super fitting sold by Nippon Pillar) (used in Intelligen Mini and HV)	5302002.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A	1283259.0	11/20/2006

Registered Owner	Title	Registration Number	Date Filed
	MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)/KR		
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)	I400389	11/21/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)	ZL200680050665.7	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)	10-1290958	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)	5339915.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)	5339914.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)	I405905	11/20/2006
Entegris, Inc.	ERROR VOLUME SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	5345853.0	11/20/2006
Entegris, Inc.	ERROR VOLUME SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	10-1308175	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)	1308784.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)	5366555.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)	I413732	11/21/2006

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	ERROR VOLUME SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)/JP	5404850.0	11/20/2006
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	10-1364385	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)	8651823.0	8/24/2011
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	1427970	11/21/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)	8678775.0	11/21/2011
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)	5583708.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)	8870548.0	10/3/2011
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)	1954946.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR A PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)	1952022.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)/JP	5674853.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)/JP	5684186.0	11/20/2006
Entegris, Inc.	I/O INTERFACE SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	5714445.0	11/20/2006
Entegris, Inc.	SYSTEM FOR OPERATION OF A PUMP (Intelligen Mini and HV)/JP	5738906.0	11/20/2006

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)/TW	I493107	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)/TW	I506202	11/21/2006
Entegris, Inc.	I/O Systems, Methods and Devices for Interfacing a Pump Controller (Intelligen Mini and HV)/US	9262361.0	3/20/2015
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)/US	9309872.0	1/10/2014
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)/DE	602006050023.8 (DE Serial No.)	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)/JP	6018159.0	11/20/2006
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	142929.0	11/21/2006
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	5032497.0	11/21/2006
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	8460475.0	9/23/2011
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)	1402422.0	11/22/2006
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	10-1324870	11/21/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)/EP	2894332.0	11/20/2006

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	EP 1960129	11/21/2006
Entegris, Inc.	DIAMOND LIKE COATINGS TO REDUCE PERMEATION	8012586.0	6/14/2007
Entegris, Inc.	DIAMOND LIKE COATINGS TO REDUCE PERMEATION/US	8603632.0	3/20/2013
Entegris, Inc.	SYSTEM AND METHOD FOR A PUMP WITH ONBOARD ELECTRONICS (Intelligen Mini and HV)	9399989.0	9/5/2013
Entegris, Inc.	SYSTEM AND METHOD FOR VALVE SEQUENCING IN A PUMP (Intelligen Mini and HV)	8025486.0	11/20/2006
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	I322077	12/4/2006
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/TW	D175141	12/12/2014
Entegris, Inc.	two point sealing gasket	105218935.0	12/12/2016
Entegris, Inc.	WELDED DIAPHRAGM VALVE	10-1449056	1/4/2007
Entegris, Inc.	CADILLAC	I334360	1/5/2007
Entegris, Inc.	WELDED DIAPHRAGM VALVE	I 416026	1/5/2007
Entegris, Inc.	SUBSTRATE SHIPPER/US	D673853	8/6/2012
Entegris, Inc.	KINEMATIC COUPLING WITH TEXTURED CONTACT SURFACES (Spectra)	5221384.0	1/23/2007
Entegris, Inc.	KINEMATIC COUPLING WITH TEXTURED CONTACT SURFACES (Spectra)	10-1279667	1/23/2007
Entegris, Inc.	KINEMATIC COUPLING WITH TEXTURED CONTACT SURFACES (Spectra)	I-450355	1/24/2007
Entegris, Inc.	NANOPOROUS ARTICLES AND METHODS OF MAKING SAME	7862646.0	1/29/2007
Entegris, Inc.	CARBONACEOUS MATERIALS USEFUL FOR FLUID STORAGE/DISPENSING, DESULFURIZATION, AND INFRARED RADIATION EMISSION, AND APPARATUS AND METHODS UTILIZING SAME	ZL 200780009910.4	1/29/2007

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	CARBONACEOUS MATERIALS USEFUL FOR FLUID STORAGE\DISPENSING, DESULFURIZATION, AND INFRARED RADIATION EMISSION, AND APPARATUS AND METHODS UTILIZING SAME	1984096.0	1/29/2007
Entegris, Inc.	CARBONACEOUS MATERIALS USEFUL FOR FLUID STORAGE\DISPENSING, DESULFURIZATION, AND INFRARED RADIATION EMISSION, AND APPARATUS AND METHODS UTILIZING SAME	1412735.0	1/29/2007
Entegris, Inc.	FLUID STORAGE\DISPENSING APPARTUS AND FLUID STORAGE METHOD	5632875.0	1/29/2007
Entegris, Inc.	CARBONACEOUS MATERIALS USEFUL FOR FLUID STORAGE\DISPENSING, DESULFURIZATION, AND INFRARED RADIATION EMISSION, AND APPARATUS AND METHODS UTILIZING SAME	5843923.0	1/29/2007
Entegris, Inc.	CARBONACEOUS MATERIALS USEFUL FOR FLUID STORAGE\DISPENSING, DESULFURIZATION, AND INFRARED RADIATION EMISSION, AND APPARATUS AND METHODS UTILIZING SAME	ZL 2013100606695	1/29/2007
Entegris, Inc.	CONTAINER WITH SHOCK ABSORBING CORNERS	1-394693	2/5/2007
Entegris, Inc.	CONTAINER WITH SHOCK ABSORBING CORNERS	1415863.0	2/5/2007
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)	I439313	2/8/2007
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)	144190.0	2/9/2007



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)	ZL200780002493.0	2/9/2007
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)	5328372.0	2/9/2007
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)	1357415.0	2/9/2007
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)/DE	602007046150.2	2/9/2007
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)	1989036.0	2/9/2007
Entegris, Inc.	DRUM CAP VENTING DEVICE	7806151.0	4/4/2006
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV) (CIP)	I402423	2/27/2007
Entegris, Inc.	Composition and Method for Recycling Semiconductor Wafers Having Low-K Dielectric Materials Thereon	7960328.0	11/9/2006
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEM INCLUDING DYNAMIC FLUID MONITORING OF FLUID STORAGE AND DISPENSING VESSEL	7966879.0	5/4/2007
Entegris, Inc.	Flow Measuring Device Body	7942069.0	3/8/2007
Entegris, Inc.	Flow Measuring Device Body	I421473	3/9/2007
Entegris, Inc.	KINEMATIC COUPLING WITH TEXTURED CONTACT SURFACES (Spectra)	7422107.0	1/25/2006
Entegris, Inc.	P-791/US	7638074.0	3/12/2007
Entegris, Inc.	P-819 (GEM)/US	7838329.0	3/12/2007
Entegris, Inc.	P-819 (GEM)/US	8008117.0	8/22/2010
Entegris, Inc.	Antimony And Germanium Complexes Useful For CVD/ALD Of Metal Thin Films	149215.0	3/12/2007
Entegris, Inc.	P-819 (GEM)/CN	ZL 200780026664.3	3/12/2007
Entegris, Inc.	ANTIMONY AND GERMANIUM COMPLEXES USEFUL FOR CVD/ALD OF METAL THIN FILMS	10-1097112	3/12/2007
Entegris, Inc.	AMORPHOUS GEVTE DEPOSITION PROCESS	8093140.0	10/31/2008
Entegris, Inc.	P-791/US	8206784.0	2/1/2012

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	P-819 (GEM)/US	8268665.0	6/26/2011
Entegris, Inc.	P-819 (GEM)/KR	10-1279925	3/12/2007
Entegris, Inc.	P-819 (GEM)/JP	5320295.0	3/12/2007
Entegris, Inc.	P-791/TW	I421366	3/12/2007
Entegris, Inc.	P-819 (GEM)/TW	I431145	3/12/2007
Entegris, Inc.	P-791/US	8784936.0	2/9/2012
Entegris, Inc.	P-801/US	8877549.0	3/24/2014
Entegris, Inc.	P-791/KR	1488855.0	3/12/2007
Entegris, Inc.	P-819 (GEM)/JP	5750131.0	3/12/2007
Entegris, Inc.	P-819 (GEM)/US	9219232.0	4/11/2014
Entegris, Inc.	P-819 (GEM)/CN	ZL2011103009004	3/12/2007
Entegris, Inc.	P-819 (GEM)/US	8709863.0	9/18/2012
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	146864.0	3/28/2007
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	5567327.0	3/28/2007
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	101425232.0	3/28/2007
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	ZL200780020412.X	3/28/2007
Entegris, Inc.	Novel Fluorine-Free Precursors and Methods for the Deposition of Conformal Conductive Films for Nanointerconnect Seed and Fill	7858525.0	3/30/2007
Entegris, Inc.	OXIDIZING AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	7922824.0	10/4/2006
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	I394653	4/3/2007
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE/TW	I5000447	4/3/2007
Entegris, Inc.	THIN WAFER INSERT, THIN WAFER INSERT	8141712.0	4/13/2007
Entegris, Inc.	I/O SYSTEMS, METHODS AND DEVICES FOR INTERFACING A PUMP CONTROLLER (Intelligen Mini and HV)	9025454.0	4/6/2011
Entegris, Inc.	CLEANING OF SEMICONDUCTOR PROCESSING SYSTEMS	ZL 200780023221.9	4/26/2007
Entegris, Inc.	CLEANING OF SEMICONDUCTOR PROCESSING SYSTEMS	10-1467585	4/26/2007

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	CLEANING OF SEMICONDUCTOR PROCESSING SYSTEMS	I473149	4/26/2007
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR ADJUSTABLE STACKER BAR ASSEMBLY HAVING VERTICLE ACCOMONDATION FEATURES	7814766.0	5/7/2007
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D682497	12/21/2010
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)	7850431.0	12/2/2005
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)	7878765.0	2/28/2006
Entegris, Inc.	SYSTEM AND METHOD FOR PRESSURE COMPENSATION IN A PUMP (Intelligen Mini and HV)/US	9816502.0	7/11/2014
Entegris, Inc.	BARRIER FLUOROPOLYMER FILM-BASED LINERS AND PACKAGING COMPRISING SAME	5049342.0	6/1/2007
Entegris, Inc.	BARRIER FLUOROPOLYMER FILM-BASED LINERS AND PACKAGING COMPRISING SAME	I-473747	6/4/2007
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	997506.0	6/11/2007
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	ZL 200780025430.7	6/11/2007
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	1357961.0	6/11/2007
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	5698456.0	6/11/2007
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	9120616.0	12/13/2012

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Reusable Resilient Cushion for Wafer Container (ULTRAPAK Edgegard)	5385130.0	6/12/2007
Entegris, Inc.	Reusable Resilient Cushion for Wafer Container (ULTRAPAK Edgegard)	I429011	6/13/2007
Entegris, Inc.	Reusable Resilient Cushion for Wafer Container (ULTRAPAK Edgegard)	10-1395467	6/12/2007
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	I-458554	6/13/2007
Entegris, Inc.	DIAMOND LIKE COATINGS TO REDUCE PERMEATION	5324460.0	6/14/2007
Entegris, Inc.	DIAMOND LIKE COATINGS TO REDUCE PERMEATION/JP	5786904.0	6/14/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)	ZL 200780030581.1	6/19/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)	148693.0	6/19/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)	5160541.0	6/19/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)	I-404662	6/20/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)	10-1474572	6/19/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)/NL	2453310.0	6/19/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)	2453310.0	6/19/2007
Entegris, Inc.	DIAMOND LIKE COATINGS TO REDUCE PERMEATION	I415964	6/23/2007
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	5319525.0	7/10/2007
Entegris, Inc.	REMOVAL OF LOW MOLECULAR SILOXANES FROM HUMID GAS MATRIX (SiLVERSET)	I417130	7/11/2007
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL	1422303.0	7/10/2007

Registered Owner	Title	Registration Number	Date Filed
	STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS		
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	5597756.0	7/10/2007
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	1533045.0	7/10/2007
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	I519988	7/10/2007
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	5903469.0	7/10/2007
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	1634914.0	7/10/2007
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	10-1722362	7/10/2007
Entegris, Inc.	REMOVAL OF LOW MOLECULAR SILOXANES FROM HUMID GAS MATRIX (SiLVERSET)	148632.0	7/13/2007
Entegris, Inc.	Full Rinse Manifold Mixing Valve	506109.0	7/13/2007
Entegris, Inc.	REMOVAL OF LOW MOLECULAR SILOXANES FROM HUMID GAS MATRIX (SiLVERSET)	7922791.0	7/13/2007
Entegris, Inc.	Full Rinse Manifold Mixing Valve	5221534.0	7/13/2007

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	REMOVAL OF LOW MOLECULAR SILOXANES FROM HUMID GAS MATRIX (SILVERSET)	101249093.0	7/13/2007
Entegris, Inc.	REMOVAL OF LOW MOLECULAR SILOXANES FROM HUMID GAS MATRIX (SILVERSET)	ZL 200780026194.0	7/13/2007
Entegris, Inc.	Full Rinse Manifold Mixing Valve	10-1386845	7/13/2007
Entegris, Inc.	Full Rinse Manifold Mixing Valve	I414702	7/16/2007
Entegris, Inc.	COMPOSITION AND METHOD FOR RECYCLING SEMICONDUCTOR WAFERS HAVING LOW-K DIELECTRIC MATERIALS THEREON	8642526.0	5/9/2011
Entegris, Inc.	SYSTEM AND METHOD FOR MONITORING OPERATION OF A PUMP AND COMPUTER PROGRAM PRODUCT (Intelligen Mini and HV)/CN	ZL201310053498.3	7/30/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)	ZL200780046952.5	7/30/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)	2092196.0	7/30/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)	1323509.0	7/30/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)	5586958.0	7/30/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)/JP	6030596.0	7/14/2009
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)	8167140.0	6/24/2011
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)	5354525.0	8/13/2007

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)/DE	2060309.0	8/13/2007
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)/GB	2060309.0	8/13/2007
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)/FR	2060309.0	8/13/2007
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)	I400118	8/13/2007
Entegris, Inc.	TANTALUM AMIDO-COMPLEXES WITH CHELATE LIGANDS USEFUL FOR CVD AND ALD OF TaN AND Ta2O5 THIN FILMS	7750173.0	1/12/2008
Entegris, Inc.	P-813/CN	ZL 201310190193.7	8/31/2007
Entegris, Inc.	Solid Precursor-Based Delivery of Fluid Utilizing Controlled Solids Morphology	150641.0	8/31/2007
Entegris, Inc.	P-813/JP	5266227.0	8/31/2007
Entegris, Inc.	P-813/CN	ZL200780040766.0	8/31/2007
Entegris, Inc.	P-813/US	8821640.0	8/31/2007
Entegris, Inc.	P-813/KR	1465810.0	8/31/2007
Entegris, Inc.	Solid Precursor-Based Delivery of Fluid Utilizing Controlled Solids Morphology	MY-153662-A	8/31/2007
Entegris, Inc.	P-813/TW	I522488	8/31/2007
Entegris, Inc.	SOLID PRECURSOR-BASED DELIVERY OF FLUID UTILIZING CONTROLLED SOLIDS MORPHOLOGY	2059626.0	8/31/2007
Entegris, Inc.	Exterior 450mm Container configuration./US	D689696	N/A
Entegris, Inc.	CONTAINER WITH SHOCK ABSORBING CORNERS	8292077.0	2/5/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)	9631611.0	11/30/2007
Entegris, Inc.	NANOPOROUS ARTICLES AND METHODS OF MAKING SAME	8221532.0	1/4/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	AQUEOUS cleaner for the removal of post-etch residues	I449784	12/21/2007
Entegris, Inc.	COMPOSITIONS AND METHODS FOR THE SELECTIVE REMOVAL OF SILICON NITRIDE	5349326.0	12/21/2007
Entegris, Inc.	COMPOSITIONS AND METHODS FOR THE SELECTIVE REMOVAL OF SILICON NITRIDE	ZL200780051397.5	12/21/2007
Entegris, Inc.	LIQUID CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	1449774.0	12/21/2007
Entegris, Inc.	COMPOSITIONS AND METHODS FOR THE SELECTIVE REMOVAL OF SILICON NITRIDE	9158203.0	7/15/2014
Entegris, Inc.	compositions and methods for the SELECTIVE REMOVAL OF SILICON NITRIDE	I509690	12/21/2007
Entegris, Inc.	LIQUID CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	1636996.0	12/21/2007
Entegris, Inc.	COMPOSITIONS AND METHODS FOR THE SELECTIVE REMOVAL OF SILICON NITRIDE	9691629.0	10/12/2015
Entegris, Inc.	LIQUID CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	I611047	12/21/2007
Entegris, Inc.	INK JET FILTER	5319124.0	1/24/2008
Entegris, Inc.	MOLDED ROTATABLE BASE FOR A POROUS PAD	9820561.0	6/11/2013
Entegris, Inc.	COPPER PRECURSORS FOR CVD\ALD\DIGITAL CVD OF COPPER METAL FILMS	7964746.0	3/30/2008
Entegris, Inc.	COMPOSITION AND PROCESS FOR THE SELECTIVE REMOVAL OF $\text{TiSiN}$	I-516573	2/5/2008
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEMS, AND FLUID SUPPLY PROCESSES COMPRISING SAME	7951225.0	5/3/2006
Entegris, Inc.	OXIDIZING AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	8765654.0	4/11/2011



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS, AND FORMATION OF LARGE BORON HYDRIDES FOR IMPLANTATION	7943204.0	8/30/2006
Entegris, Inc.	WAFER CARRIER RING/SG	D2013/263/A	2/25/2013
Entegris, Inc.	RETICLE POD PURGE PORT LOCATION (Clarilite)	ZL 200880012514.1	2/28/2008
Entegris, Inc.	RETICLE POD PURGE PORT LOCATION (Clarilite)	8146623.0	2/28/2008
Entegris, Inc.	RETICLE POD PURGE PORT LOCATION (Clarilite)	5674314.0	2/28/2008
Entegris, Inc.	RETICLE POD PURGE PORT LOCATION (Clarilite)	I-450046	2/28/2008
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	30-0685950	6/21/2011
Entegris, Inc.	SUBSTRATE SHIPPER	30-0687800	4/29/2011
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLITH	7931853.0	11/9/2007
Entegris, Inc.	Storage, Transportation, and/or Dispense Packaging	D702128	4/12/2012
Entegris, Inc.	NETWORK INTERFACE DEVICE	1530396.0	5/2/2008
Poco Graphite, Inc.	APPARATUS FOR ADJUSTABLE STACKER BAR ASSEMBLY HAVING QUICK CHANGE FEATURES	D641029	8/3/2010
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	I-498422	5/16/2008
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	I-454574	5/16/2008
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	5647517.0	5/16/2008
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	1561708.0	5/16/2008

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Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	ZL200880016457.4	5/16/2008
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	1622862.0	5/16/2008
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	1644763.0	5/16/2008
Entegris, Inc.	ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	RE46427	1/13/2015
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	181360.0	5/16/2008
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	2164938.0	5/16/2008
Entegris, Inc.	P-848	2164938.0	5/16/2008
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	10-1833158	5/16/2008
SAES Pure Gas, Inc	System and method for separating hydrogen gas from a mixed gas source using composite structure tubes	8002875.0	9/18/2006
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	1334721.0	11/2/2007
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	8322571.0	4/25/2006
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	9,528,078 B2	3/25/2014
Entegris, Inc.	PRECURSORS FOR SILICON DIOXIDE GAP FILL	10-1593352	6/27/2008
Entegris, Inc.	PRECURSORS FOR SILICON DIOXIDE GAP FILL	10043658.0	1/4/2018
Entegris, Inc.	PRECURSORS FOR SILICON DIOXIDE GAP FILL	I471975	6/30/2008
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING	9031683.0	7/10/2007

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	INFORMATION STORAGE ELEMENTS		
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	8685909.0	5/16/2008
Entegris, Inc.	ERROR VOLUME SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	7897196.0	11/20/2006
Entegris, Inc.	METHOD OF ATTACHING PFA FILM TO PE FILM (Bag in a Bag in a Bottle Project)/JP	5416117.0	8/28/2008
Entegris, Inc.	METHOD OF ATTACHING PFA FILM TO PE FILM (Bag in a Bag in a Bottle Project)/CN	ZL200880114604.1	8/28/2008
Entegris, Inc.	METHOD OF ATTACHING PFA FILM TO PE FILM (Bag in a Bag in a Bottle Project)/TW	I-455857	8/28/2008
Entegris, Inc.	METHOD OF ATTACHING PFA FILM TO PE FILM (Bag in a Bag in a Bottle Project)/KR	10-1470051	8/28/2008
Entegris, Inc.	METHOD OF ATTACHING PFA FILM TO PE FILM (Bag in a Bag in a Bottle Project)/JP	5753567.0	8/28/2008
SAES Pure Gas, Inc	Composite structure for high efficiency hydrogen separation containing preformed nano-particles in a bonded layer	7749305.0	9/3/2006
Entegris, Inc.	P-801/US	8288198.0	3/12/2007
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)	8087429.0	11/20/2006
Entegris, Inc.	AMORPHOUS GEOTE DEPOSITION PROCESS	168568.0	10/30/2008
Entegris, Inc.	AMORPHOUS GEOTE DEPOSITION PROCESS	5650880.0	10/30/2008
Entegris, Inc.	AMORPHOUS GEOTE DEPOSITION PROCESS	178736.0	10/30/2008
Entegris, Inc.	AMORPHOUS GEOTE DEPOSITION PROCESS	10-1065829	10/31/2008
Entegris, Inc.	AMORPHOUS GEOTE DEPOSITION PROCESS	ZL 200810174324.1	10/31/2008

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Entegris, Inc.	AMORPHOUS GEVTE DEPOSITION PROCESS	I477641	10/31/2008
Entegris, Inc.	AMORPHOUS GEVTE DEPOSITION PROCESS	ZL 2012103379222	10/31/2008
Entegris, Inc.	SOLVENT-FREE SYNTHESIS OF SOLUBLE NANOCRYSTALS	8178585.0	11/14/2008
Entegris, Inc.	Blow Molded Liner Overpack Container and Method of Manufacturing the Same	162138.0	12/2/2008
Entegris, Inc.	Blow Molded Liner Overpack Container and Method of Manufacturing the Same	5714909.0	12/2/2008
Entegris, Inc.	Blow Molded Liner for Overpack Container and Method of Manufacturing the Same	10-1571575	12/2/2008
Entegris, Inc.	BLOW MOLDED LINER FOR OVERPACK CONTAINER AND METHOD OF MANUFACTURING THE SAME	I-469897	12/5/2008
SAES Pure Gas, Inc	System and method for processing fuel for use by a fuel cell using a micro-channel catalytic hydrogen separator	7704485.0	1/27/2006
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	8758887.0	12/21/2005
Entegris, Inc.	Wafer Container and Method of Manufacture (450 mm)	ZL200980106577.8	1/13/2009
Entegris, Inc.	Wafer Container and Method of Manufacture (450 mm)	5624173.0	1/13/2009
Entegris, Inc.	Wafer Container and Method of Manufacture (450 mm)	I-469901	1/13/2009
Entegris, Inc.	Wafer Container and Method of Manufacture (450 mm)	10-1525753	1/13/2009
Entegris, Inc.	Wafer Container and Method of Manufacture (450 mm)	2243156.0	1/13/2009
Entegris, Inc.	APPARATUS AND METHOD FOR REDUCING PARTICLE CONTAMINATION IN A VACUUM CHAMBER	8172923.0	1/21/2009
Entegris, Inc.	WAFER CARRIER RING/KR	30-0727425	2/27/2013
Entegris, Inc.	ION Source Cleaning in Semiconductor Processing Systems	I494975	2/11/2009

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Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	5686423.0	8/12/2009
Entegris, Inc.	ION Source Cleaning in Semiconductor Processing Systems	10-1755970	2/11/2009
Entegris, Inc.	ION Source Cleaning in Semiconductor Processing Systems	6208109.0	2/11/2009
Entegris, Inc.	ION Source Cleaning in Semiconductor Processing Systems	10-1822779	2/11/2009
Entegris, Inc.	ION Source Cleaning in Semiconductor Processing Systems	188150.0	2/11/2009
Entegris, Inc.	TELLURIUM COMPOUNDS USEFUL FOR DEPOSITION OF TELLURIUM CONTAINING MATERIALS	8796068.0	6/6/2013
Entegris, Inc.	WAFER CARRIER RING/US	D723239	8/30/2012
Entegris, Inc.	NON-SELECTIVE OXIDE ETCH WET CLEAN COMPOSITION AND METHOD OF USE	I591158	3/6/2009
Entegris, Inc.	STRONTIUM AND BARIUM PRECURSORS FOR USE IN CHEMICAL VAPOR DEPOSITION, ATOMIC LAYER DEPOSITION AND RAPID VAPOR DEPOSITION	8455049.0	8/3/2008
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL CONTROL COMPONENTS (Purge Tower and Getter)	I582024	3/13/2009
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL CONTROL COMPONENTS (Purge Tower and Getter)	ZL200980116740.9	3/13/2009
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL CONTROL COMPONENTS (Purge Tower and Getter)	5524093.0	3/13/2009
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL CONTROL COMPONENTS (Purge Tower and Getter)	I466807	3/13/2009
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL	2272088.0	3/13/2009

Registered Owner	Title	Registration Number	Date Filed
	CONTROL COMPONENTS (Purge Tower and Getter)		
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL CONTROL COMPONENTS (Purge Tower and Getter)	10-1851095	3/13/2009
Entegris, Inc.	STORAGE, TRANSPORTATION, AND/OR DISPENSE PACKAGING	30-0737241	6/5/2012
Entegris, Inc.	Wafer Support Ring with Stacking Features	D189096	4/13/2017
SAES Pure Gas, Inc	Apparatus and methods for variable furnace control	7735743.0	6/14/2006
Entegris, Inc.	INTELLIGEN MINI NETWORK INTERFACE	7941565.0	5/2/2008
Entegris, Inc.	ANTIMONY COMPOUNDS USEFUL FOR DEPOSITION OF ANTIMONY-CONTAINING MATERIALS	9034688.0	3/18/2014
Entegris, Inc.	ANTIMONY COMPOUNDS USEFUL FOR DEPOSITION OF ANTIMONY-CONTAINING MATERIALS	I490227	5/1/2009
Entegris, Inc.	LOW pH MIXTURES FOR THE REMOVAL OF HIGH DENSITY IMPLANTED RESIST	I494710	5/1/2009
Entegris, Inc.	Electrostatic chuck with protrusions that distribute chucking force	I475594	5/14/2009
Entegris, Inc.	Electrostatic chuck with protrusions that distribute chucking force	ZL2009800117047.3	5/15/2009
Entegris, Inc.	Electrostatic chuck with protrusions that distribute chucking force	5492875.0	5/15/2009
Entegris, Inc.	Electrostatic chuck with protrusions that distribute chucking force	10-1673039	5/15/2009
Entegris, Inc.	Electrostatic chuck with protrusions that distribute chucking force/SG	190668.0	5/15/2009
Entegris, Inc.	IDENTIFICATION AND VERIFICATION SYSTEM FOR FLUID DISPENSING SYSTEM	7760104.0	4/7/2006
Entegris, Inc.	IDENTIFICATION AND VERIFICATION SYSTEM FOR FLUID DISPENSING SYSTEM	8464499.0	7/20/2010

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	CLEANING OF SEMICONDUCTOR PROCESSING SYSTEMS	8603252.0	4/26/2007
Entegris, Inc.	PRECURSOR COMPOSITIONS FOR ALD\CVD OF GROUP II RUTHENATE THIN FILMS	8524931.0	3/12/2007
SAES Pure Gas, Inc	Hydrogen Gas Separator System Having a Micro-Channel Construction for Efficiently Separating Hydrogen Gas from a Mixed Gas Source	7972417.0	3/21/2008
Entegris, Inc.	BARRIER FLUOROPOLYMER FILM-BASED LINERS AND PACKAGING COMPRISING SAME	8313821.0	6/1/2007
Entegris, Inc.	LOW pH MIXTURES FOR THE REMOVAL OF HIGH DENSITY IMPLANTED RESIST	8026200.0	5/1/2009
Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	5433025.0	8/12/2009
Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	173621.0	8/12/2009
Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	ZL 201410367226.5	8/12/2009
Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	I619153	8/13/2009
Entegris, Inc.	ION Source Cleaning in Semiconductor Processing Systems	I463516	8/13/2009
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)	9056281.0	7/11/2006
Entegris, Inc.	Low Hold Up/Variable Home Position for Dispense Systems (Used in Intelligen Mini and HV)	8292598.0	11/21/2005
Entegris, Inc.	Exterior 450mm Container configuration./US	D740031	9/17/2013
Entegris, Inc.	COPPER CLEANING AND PROTECTION FORMULATIONS	ZL200980141809.3	10/20/2009
Entegris, Inc.	COPPER CLEANING AND PROTECTION FORMULATIONS	I456052	10/21/2009

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Entegris, Inc.	COPPER CLEANING AND PROJECTION FORMULATIONS	5873718.0	10/20/2009
Entegris, Inc.	COPPER CLEANING AND PROTECTION FORMULATIONS	10-1752684	10/20/2009
Entegris, Inc.	HIGH CONCENTRATION NITROGEN-CONTAINING GERMANIUM TELLURIDE BASED MEMORY DEVICES AND PROCESSES OF MAKING	8330136.0	12/4/2009
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	8336734.0	6/11/2007
Entegris, Inc.	Cleaning Agent for Tungsten Interconnection for Semiconductor	5858597.0	1/29/2010
Entegris, Inc.	COPPER CLEANING AND PROTECTION FORMULATIONS	9074170.0	10/20/2009
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	9754786.0	4/21/2015
Entegris, Inc.	METHOD AND COMPOSITION FOR DEPOSITING RUTHENIUM WITH ASSISTIVE METAL SPECIES	8574675.0	3/17/2010
Entegris, Inc.	METHOD AND COMPOSITION FOR DEPOSITING RUTHENIUM WITH ASSISTIVE METAL SPECIES	174423.0	3/17/2010
Entegris, Inc.	METHOD AND COMPOSITION FOR DEPOSITING RUTHENIUM WITH ASSISTIVE METAL SPECIES	I491759	3/17/2010
Entegris, Inc.	Metal and Dielectric Compatible Sacrificial Anti-Reflective Coating Cleaning and Removal Composition	8951948.0	6/7/2006
Entegris, Inc.	Cleaning Agent for Copper Interconnection for Semiconductor	5702075.0	3/26/2010
Entegris, Inc., Solvay Solexis	NON-DEWETTING POROUS MEMBRANES (Solvay)	215421.0	3/31/2010
Entegris, Inc., Solvay Solexis	NON-DEWETTING POROUS MEMBRANES (Solvay)	5770713.0	3/31/2010



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Processes for Filter AutoPriming for Lithographic Dispense (IntelliGen Mini and HV)/US	9354637.0	2/26/2010
Entegris, Inc., Solvay Solexis	NON-DEWETTING POROUS MEMBRANES (Solvay)	I487736	4/6/2010
Entegris, Inc.	POROUS COMPOSITE MEMBRANE	ZL 201080016359.8	4/12/2010
Entegris, Inc.	POROUS COMPOSITE MEMBRANE	I460007	4/12/2010
Entegris, Inc.	POROUS COMPOSITE MEMBRANE	5671004.0	4/12/2010
Entegris, Inc.	DOPED ZrO2 CAPACITOR MATERIALS AND STRUCTURES, METHODS OF MAKING DIELECTRIC MATERIAL STRUCTURES, AND METHODS OF FABRICATING MICROELECTRONIC DEVI	I505303	4/16/2010
Entegris, Inc.	Electrostatic Chuck	5731485.0	5/13/2010
Entegris, Inc.	Electrostatic Chuck	I496240	5/14/2010
Entegris, Inc.	Electrostatic Chuck	ZL201080019939.2	5/13/2010
Entegris, Inc.	Electrostatic Chuck/JP	5945616.0	5/13/2010
Entegris, Inc.	Electrostatic Chuck	10-1680787	5/13/2010
Entegris, Inc.	LOW TEMPERATURE GST PROCESS	10-1329449	5/21/2010
Entegris, Inc.	LOW TEMPERATURE GST PROCESS	9070875.0	12/12/2013
Entegris, Inc.	GERMANIUM ANTIMONY TELLURIDE MATERIALS AND DEVICES INCORPORATING SAME	10-1706809	5/21/2010
Entegris, Inc.	REMOVAL OF MASKING MATERIAL	8367555.0	12/11/2009
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	176676.0	6/8/2010
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	5863646.0	6/8/2010
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	5883977.0	6/8/2010
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	I564501	6/10/2010

Registered Owner	Title	Registration Number	Date Filed
SAES Pure Gas, Inc	System and method for welding small diameter tubes into a high-density matrix	8230594.0	5/9/2009
Entegris, Inc.	Sintered Porous Material Comprising Particles of Different Average Sizes (FV-50DXL) (Project No. 000332, 362 and 354)	5639164.0	6/16/2010
Entegris, Inc.	Sintered Porous Material Comprising Particles of Different Average Sizes (FV-50DXL) (Project No. 000332, 362 and 354)	ZL201080026549.8	6/16/2010
Entegris, Inc.	Sintered Porous Material Comprising Particles of Different Average Sizes (FV-50DXL) (Project No. 000332, 362 and 354)	10-1841778	6/16/2010
Entegris, Inc.	Sintered Porous Material Comprising Particles of Different Average Sizes (FV-50DXL) (Project No. 000332, 362 and 354)	I511816	6/18/2010
Entegris, Inc.	HOLLOW GST STRUCTURE WITH DIELECTRIC FILL	10-1602007	6/28/2010
Entegris, Inc.	FLUID MONITORING APPARATUS	I561814	6/28/2010
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)	8753097.0	7/14/2008
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same and Methods for Limiting Chok	ZL201410643800.5	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	10-1103992	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	2376346.0	7/9/2010

<b>Registered Owner</b>	<b>Title</b>	<b>Registration Number</b>	<b>Date Filed</b>
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	2376346.0	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	2376346.0	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	2376346.0	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	2376346.0	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	2376346.0	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	2376346.0	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same and Methods for Limiting Chok	177551.0	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same and Methods for Limiting Chok	ZL201080039871.4	7/9/2010
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER AND FLEXIBLE GUSSETED OR NON-	10-1639465	7/9/2010

Registered Owner	Title	Registration Number	Date Filed
	GUSSETED LINERS AND METHODS OF MANUFACTURING THE SAME METHODS FOR LIMITED CHOKE-OFF		
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same and Methods for Limiting Chok	MY-164035-A	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same and Methods for Limiting Chok	I605983	7/12/2010
Entegris, Inc.	CARBON MATERIALS FOR CARBON IMPLANTATION	I636483	7/23/2010
Entegris, Inc.	CARBON MATERIALS FOR CARBON IMPLANTATION	I478200	7/23/2010
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS OF MAKING AND USING SAME	6204438.0	8/16/2011
Entegris, Inc.	INTELLIGEN MINI NETWORK INTERFACE	8862784.0	3/28/2011
Entegris, Inc.	APPARATUS AND METHOD FOR PREPARATION OF COMPOUNDS OR INTERMEDIATES THEREOF FROM A SOLID MATERIAL, AND USING SUCH COMPOUNDS AND INTERMEDIATES	9764298.0	11/13/2015
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH ROBOTIC FLANGE	9929032.0	5/3/2016
Entegris, Inc.	WAFER CONTAINER WITH DOOR GUIDE AND SEAL	9673075.0	10/19/2011
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	8796131.0	10/25/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	180545.0	10/25/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	9111860.0	8/5/2014

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Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	ZL 201080054595.9	10/25/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	5919195.0	10/25/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	10201406528P	10/25/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	I496183	10/27/2010
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON	8062965.0	3/15/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS OF MAKING AND USING SAME	9685304.0	9/22/2015
Entegris, Inc.	UNIVERSAL DISK SHIPPER, DISK SHIPPING SYSTEM AND METHOD	5797660.0	11/18/2010
Entegris, Inc.	UNIVERSAL SHIPPING CASSETTE	ZL201080052476.X	11/18/2010
Entegris, Inc.	UNIVERSAL SHIPPING CASSETTE	I-524334	11/18/2010
Entegris, Inc.	Method and System for Optimizing Operation of a Pump (Advanced Filtration System (AFS) for IntelliGen Mini and HV)	8727744.0	2/26/2010
Entegris, Inc.	LOW TEMPERATURE GST PROCESS	8617972.0	5/21/2010
Entegris, Inc.	ION IMPLANTER SYSTEM INCLUDING REMOTE DOPANT SOURCE, AND METHOD COMPRISING SAME	2647036.0	11/26/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON	8138071.0	10/27/2010
Entegris, Inc.	POROUS BARRIER FOR EVENLY DISTRIBUTED PURGE GAS IN A MICROENVIRONMENT	I-515159	12/10/2010
Entegris, Inc.	POROUS POLYETHYLENE FILTER/WATER BARRIER FOR MICRO ENVIRONMENTS	ZL201080063663.8	8/16/2010
Entegris, Inc.	POROUS POLYETHYLENE FILTER/WATER BARRIER FOR MICRO ENVIRONMENTS	10-1832512	8/16/2010

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Purifier for use in the process of manufacturing the lithium-ion secondary battery (408223)	I530316	12/16/2010
Entegris, Inc.	Purifier for use in the process of manufacturing the lithium-ion secondary battery (408223)	5759386.0	12/16/2010
Entegris, Inc.	Purifier for use in the process of manufacturing the lithium-ion secondary battery (408223)	ZL201080056990.0	12/16/2010
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS	9142387.0	12/3/2013
Entegris, Inc.	GERMANIUM ANTIMONY TELLURIDE MATERIALS AND DEVICES INCORPORATING SAME	9190609.0	5/21/2011
Entegris, Inc.	LIQUID DISPENSING SYSTEMS WITH GAS REMOVAL AND SENSING CAPABILITIES	5891177.0	1/5/2011
Entegris, Inc.	LIQUID DISPENSING SYSTEMS WITH GAS REMOVAL AND SENSING CAPABILITIES	ZL 201180012741.6	1/5/2011
Entegris, Inc.	LIQUID DISPENSING SYSTEMS WITH GAS REMOVAL AND SENSING CAPABILITIES	10-1899747	1/5/2011
Entegris, Inc.	ANTIMONY COMPOUNDS USEFUL FOR DEPOSITION OF ANTIMONY-CONTAINING MATERIALS	8674127.0	4/30/2009
Entegris, Inc.	VENTILATION GAS MANAGEMENT SYSTEMS AND PROCESSES	ZL 2011800138177	1/11/2011
Entegris, Inc.	VENTILATION GAS MANAGEMENT SYSTEMS AND PROCESSES	5886760.0	1/11/2011
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL CONTROL COMPONENTS (Purge Tower and Getter)	10043696.0	7/21/2014
Entegris, Inc.	CLEANING AGENT FOR SEMICONDUCTOR PROVIDED WITH METAL WIRING	I-513815	1/28/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	CLEANING AGENT FOR SEMICONDUCTOR PROVIDED WITH METAL WIRING	ZL201180010737.6	1/28/2011
Entegris, Inc.	CLEANING AGENT FOR SEMICONDUCTOR PROVIDED WITH METAL WIRING	9,476,019 B2	5/29/2015
Entegris, Inc.	Processes for Filter AutoPriming for Lithographic Dispense (IntelliGen Mini and HV)	ZL 201180010852.3	2/18/2011
Entegris, Inc.	Method and System for Optimizing Operation of a Pump (Advanced Filtration System (AFS) for IntelliGen Mini and HV)	ZL 201180010843.4	2/18/2011
Entegris, Inc.	Method and System for Optimizing Operation of a Pump (Advanced Filtration System (AFS) for IntelliGen Mini and HV)	5746225.0	2/18/2011
Entegris, Inc.	Processes for Filter AutoPriming for Lithographic Dispense (IntelliGen Mini and HV)	5781549.0	2/18/2011
Entegris, Inc.	Method and System for Controlling Operation of a Pump Based on Filter Information in a Filter Information Tag (IntelliGen Mini and HV)/IT	2539589.0	2/18/2011
Entegris, Inc.	Processes for Filter AutoPriming for Lithographic Dispense (IntelliGen Mini and HV)	2539589.0	2/18/2011
Entegris, Inc.	Method and System for Controlling Operation of a Pump Based on Filter Information in a Filter Information Tag (IntelliGen Mini and HV)/GB	2539589.0	2/18/2011
Entegris, Inc.	Method and System for Controlling Operation of a Pump Based on Filter Information in a Filter Information Tag(IntelliGen Mini and HV)/NL	2539589.0	2/18/2011
Entegris, Inc.	Method and System for Controlling Operation of a Pump Based on Filter Information in a Filter Information Tag (IntelliGen Mini and HV)/DE	602011020786.5	2/18/2011
Entegris, Inc.	Processes for Filter AutoPriming for Lithographic Dispense (IntelliGen Mini and HV)/FR	2539589.0	2/18/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Method and System for Optimizing Operation of a Pump (Advanced Filtration System (AFS) for IntelliGen Mini and HV)	10-1825760	2/18/2011
Entegris, Inc.	Processes for Filter AutoPriming for Lithographic Dispense (IntelliGen Mini and HV)	10-1829078	2/18/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON	8598022.0	11/19/2011
Entegris, Inc.	POST-CMP CLEANING BRUSH/SG	183419.0	2/21/2011
Entegris, Inc.	POST-CMP CLEANING BRUSH/JP	5977175.0	2/21/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	I466179	2/25/2011
Entegris, Inc.	Method and System for Controlling Operation of a Pump Based on Filter Information in a Filter Information Tag (IntelliGen Mini and HV)	I515368	2/25/2011
Entegris, Inc.	Method and System for Optimizing Operation of a Pump (Advanced Filtration System (AFS) for IntelliGen Mini and HV)	I557322	2/18/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	I386983	2/25/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	8237134.0	2/26/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	183248.0	2/26/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND	8399865.0	8/6/2012



Registered Owner	Title	Registration Number	Date Filed
	PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM		
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	186596.0	2/26/2011
Entegris, Inc.	ENRICHED SILICON PRECURSOR COMPOSITIONS AND APPARATUS AND PROCESSES FOR UTILIZING SAME	8779383.0	5/21/2013
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	8785889.0	3/15/2013
Entegris, Inc.	ENRICHED SILICON PRECURSOR COMPOSITIONS AND APPARATUS AND PROCESSES FOR UTILIZING SAME	9171725.0	7/14/2014
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	5906196.0	2/26/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	10-1849416	2/26/2011
Entegris, Inc.	PACKAGED GAS MIXTURE FOR USE IN ION IMPLANTATION	10-1856921	2/26/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	MY-166024-A	2/26/2011
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)/SG	184004.0	3/11/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)	I-508905	3/11/2011
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)/CN	ZL201180023390.8	3/11/2011
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)/MY	MY-159162-A	3/11/2011
Entegris, Inc.	HOLLOW GST STRUCTURE WITH DIELECTRIC FILL	8410468.0	6/28/2010
Entegris, Inc.	POROUS POLYETHYLENE FILTER/WATER BARRIER FOR MICRO ENVIRONMENTS	9054144.0	8/16/2010
Entegris, Inc., Varian Semiconductor Equipment	High Surface Resistivity Electrostatic Chuck (AP9 Chuck)/CN	Z201510535576.2	5/24/2011
Entegris, Inc., Varian Semiconductor Equipment	Entegris - Varian Provisional/CN	ZL201180026596.7	5/24/2011
Entegris, Inc., Varian Semiconductor Equipment	Entegris - Varian Provisional/KR	101731136.0	5/24/2011
Entegris, Inc.	Processes for Filter AutoPriming for Lithographic Dispense (IntelliGen Mini and HV)	8684705.0	2/26/2010
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	ZL201510518383.6	6/18/2011
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	186381.0	6/18/2011
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	2011800363423.0	6/18/2011
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	9631778.0	7/10/2015
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	10-1821648	6/18/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	I543229	6/20/2011
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	I575562	6/20/2011
Entegris, Inc.	Split Two-Stage Pump (Project Martha)/CN	ZL 201180032168.5	6/27/2011
Entegris, Inc.	Split Two-Stage Pump (Project Martha)	I545669	6/27/2011
Entegris, Inc.	Customizable Dispense System with Smart Controller (Project Martha)/SG	186725.0	6/27/2011
Entegris, Inc.	Split Two-Stage Pump (Project Martha)/JP	5883856.0	6/27/2011
Entegris, Inc.	Split Two-Stage Pump (Project Martha)/KR	10-1810719	6/27/2011
Entegris, Inc.	DOPING OF ZrO <sub>2</sub> FOR DRAM APPLICATIONS	9373677.0	6/23/2011
Entegris, Inc.	AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	I-548738	7/15/2011
Entegris, Inc.	AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	187551.0	7/15/2011
Entegris, Inc.	NON-AMINE POST-CMP COMPOSITION AND METHOD FOR USE	8754021.0	2/19/2010
Entegris, Inc.	ALON COATED QUARTZ SUBSTRATE/US	9761417.0	8/9/2012
Entegris, Inc.	AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	9063431.0	7/15/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS OF MAKING AND USING SAME	188215.0	8/16/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS OF MAKING AND USING SAME	10-1536832	8/16/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING	5837070.0	8/16/2011

Registered Owner	Title	Registration Number	Date Filed
	COMPOUNDS, AND METHODS OF MAKING AND USING SAME		
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS OF MAKING AND USING SAME	2011800498064.0	8/16/2011
Entegris, Inc.	ETCHING SOLUTION FOR COPPER OR COPPER ALLOY	ZL201180039954.8	8/16/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON/KR	10-1747196	8/16/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS	2014006068.0	8/16/2011
Entegris, Inc.	ETCHING SOLUTION FOR COPPER OR COPPER ALLOY	10-1809302	8/16/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS OF MAKING AND USING SAME	MY-164875-A	8/16/2011
Entegris, Inc.	ETCHING SOLUTION FOR COPPER OR COPPER ALLOY	10-1891941	8/16/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON	I513658	8/18/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON	I513657	8/18/2011
Entegris, Inc.	SENSING SYSTEM AND METHOD (Jetalon)/US	8602640.0	5/20/2009
Entegris, Inc.	IN SITU GENERATION OF RuO4 FOR ALD OF Ru AND Ru RELATED MATERIALS	8663735.0	2/13/2010
Entegris, Inc.	AN APPARATUS FOR PREPARING COMPOUNDS OR INTERMEDIATES THEREOF FROM A SOLID MATERIAL AND METHODS OF USING THE SAME	ZL 201180052929.3	8/28/2011
Entegris, Inc.	AN APPARATUS FOR PREPARING COMPOUNDS OR INTERMEDIATES THEREOF FROM A SOLID MATERIAL AND METHODS OF USING THE SAME	5908476.0	8/28/2011
Entegris, Inc.	AN APPARATUS FOR PREPARING COMPOUNDS OR INTERMEDIATES THEREOF	10-1902022	8/28/2011

Registered Owner	Title	Registration Number	Date Filed
	FROM A SOLID MATERIAL AND METHODS OF USING THE SAME		
Entegris, Inc.	AN APPARATUS FOR PREPARING COMPOUNDS OR INTERMEDIATES THEREOF FROM A SOLID MATERIAL AND METHODS OF USING THE SAME	I538020	8/30/2011
Entegris, Inc., Varian Semiconductor Equipment	HIGH CONDUCTIVITY ELECTROSTATIC CHUCK (Varian and Entegris)/JP	5796076.0	9/8/2011
Entegris, Inc.	ETCHING AGENT FOR COPPER OR COPPER ALLOY	5933950.0	9/30/2011
Entegris, Inc.	ETCHING AGENT FOR COPPER OR COPPER ALLOY	9790600.0	11/2/2015
Entegris, Inc.	Modular Filtration Cassette (EZ Stack )/TW	I612999	10/3/2012
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING METAL NITRIDES	I619800	10/6/2011
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING METAL NITRIDES	COMPOSITION AND PROCESS FOR SE	10/6/2011
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING METAL NITRIDES	10-1827031	10/6/2011
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING METAL NITRIDES	10-1868319	10/6/2011
Entegris, Inc.	Closure\Connectors for Liner-Based Dispense Containers	8733598.0	12/30/2010
Entegris, Inc.	UNIVERSAL SHIPPING CASSETTE	9142260.0	11/18/2010
Entegris, Inc.	NESTED BLOW MOLDED LINER AND OVERPACK	193011.0	10/10/2011
Entegris, Inc.	NESTED BLOW MOLDED LINER AND OVERPACK	5932847.0	10/10/2011
Entegris, Inc.	NESTED BLOW MOLDED LINER AND OVERPACK	I-532584	10/11/2011
Entegris, Inc., International Business Machine	COMPOSITION FOR AND METHOD OF SUPPRESSING TITANIUM NITRIDE CORROSION	I502065	10/13/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc., International Business Machine	COMPOSITION FOR AND METHOD OF SUPPRESSING TITANIUM NITRIDE CORROSION	10-1891363	10/13/2011
Entegris, Inc.	CONNECTORS FOR LINER- BASED DISPENSE CONTAINERS	ZL201180059103.X	10/14/2011
Entegris, Inc.	CONNECTORS FOR LINER- BASED DISPENSE CONTAINERS	6354015.0	10/14/2011
Entegris, Inc.	CLEANING AGENT FOR SEMICONDUCTOR PROVIDED WITH METAL WIRING	9045717.0	1/28/2011
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH ROBOTIC FLANGE	I-515160	10/19/2011
Entegris, Inc.	METHOD AND SYSTEM FOR PUMP PRIMING/CN	ZL201180056846.1	10/20/2011
Entegris, Inc.	WAFER CONTAINER WITH DOOR GUIDE AND SEAL/CN	ZL201180051013.6	10/19/2011
Entegris, Inc.	Wafer cushion V with inclined ramp having a dual inclinations on lower leg	I-541177	10/19/2011
Entegris, Inc.	Wafer Container with Robotic Flange having shell deflection minimization/JP	5980787.0	10/19/2011
Entegris, Inc.	WAFER CONTAINER WITH DOOR GUIDE AND SEAL/JP	6114193.0	10/19/2011
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH ROBOTIC FLANGE	10-1851250	10/19/2011
Entegris, Inc.	WAFER CONTAINER WITH DOOR GUIDE AND SEAL	6337061.0	10/19/2011
Entegris, Inc.	WAFER CONTAINER WITH DOOR GUIDE AND SEAL/KR	10-1899614	10/19/2011
Entegris, Inc.	Method and System for Pump Priming/JP	5774113.0	10/20/2011
Entegris, Inc.	METHOD AND SYSTEM FOR PUMP PRIMING/SG	189374.0	10/20/2011
Entegris, Inc.	NON-AMINE POST CMP COMPOSITION AND METHOD OF USE	I558810	10/21/2011
Entegris, Inc.	WAFER CONTAINER WITH DOOR GUIDE AND SEAL/TW	I591000	10/20/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	WAFER CONTAINER WITH DOOR GUIDE AND SEAL/TW	I606962	10/20/2011
Entegris, Inc.	NON-AMINE POST-CMP COMPOSITION AND METHOD OF USE	ZL201180075099.6	10/21/2011
Entegris, Inc.	LINER-BASED ASSEMBLY FOR REMOVING IMPURITIES	9062828.0	10/27/2011
SAES Pure Gas, Inc	Hydrogen gas separator system having a micro-channel construction with a tubular wire insert for retaining catalyst material	9169118.0	5/4/2011
Entegris, Inc.	LINER-BASED ASSEMBLY FOR REMOVING IMPURITIES	ZL201180052438.9	10/27/2011
Entegris, Inc.	LINER-BASED ASSEMBLY FOR REMOVING IMPURITIES	9631774.0	6/4/2015
Entegris, Inc.	PRECURSORS FOR SILICON DIOXIDE GAP FILL	9337054.0	6/27/2008
Entegris, Inc.	LINER-BASED DISPENSING SYSTEMS	ZL201180056487.X	11/22/2011
Entegris, Inc.	LINER-BASED DISPENSER	9637300.0	11/22/2011
Entegris, Inc.	ION IMPLANTER SYSTEM INCLUDING REMOTE DOPANT SOURCE, AND METHOD COMPRISING SAME	2011800656373.0	11/26/2011
Entegris, Inc.	ION IMPLANTER SYSTEM INCLUDING REMOTE DOPANT SOURCE, AND METHOD COMPRISING SAME	6355336.0	11/26/2011
Entegris, Inc.	CONNECTORS FOR LINER-BASED DISPENSE CONTAINERS	9126749.0	10/14/2011
Entegris, Inc.	Generally Cylindrically-Shaped Liner for Use in Pressure Dispense Systems	I601675	12/9/2011
Entegris, Inc.	PVDF PYROLYZATE ADSORBENT AND GAS STORAGE AND DISPENSING SYSTEM UTILIZING SAME	9234628.0	3/25/2014
Entegris, Inc.	AQUEOUS CERIUM-CONTAINING SOLUTION HAVING AN EXTENDED BATH LIFETIME FOR REMOVING MASK MATERIAL	8618036.0	11/14/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	High Efficiency and Permeability metal membrane from fiber and powder blends (Wafergard)/CN	ZL201280007492.6	1/24/2012
Entegris, Inc.	High Efficiency and Permeability metal membrane from fiber and powder blends (Wafergard)/SG	192249.0	1/24/2012
Entegris, Inc.	CARBON DOPANT GAS AND CO-FLOW FOR IMPLANT BEAM AND SOURCE LIFE PERFORMANCE IMPROVEMENT	9960042.0	2/13/2013
Entegris, Inc.	Optical Sensor Apparatus to Detect Light Based on the Refractive Index of a Sample (Jetalon)	9632024.0	11/3/2014
Entegris, Inc.	CMP PAD CONDITIONER (PLANARGEM) (Project No./SG	193340.0	3/6/2012
Entegris, Inc.	CLUSTER ION IMPLANTATION OF ARSENIC AND PHOSPHORUS	I611466	3/23/2012
Entegris, Inc.	PVDF PYROLYZATE ADSORBENT AND GAS STORAGE AND DISPENSING SYSTEM UTILIZING SAME	8679231.0	12/17/2011
Entegris, Inc.	Exterior 450mm Container configuration.	1440312.0	4/19/2011
Entegris, Inc.	REPLACEABLE WAFER SUPPORT BACKSTOP (450 mm MAC/FOSB/US	9343345.0	5/6/2013
Entegris, Inc.	ALTERNATE MATERIALS AND MIXTURES TO MINIMIZE PHOSPHORUS BUILDUP IN IMPLANT APPLICATIONS	9812291.0	2/14/2013
Entegris, Inc.	CMP PAD CONDITIONER (PLANARGEM) (Project No./US	9132526.0	3/6/2012
Entegris, Inc.	REFILLABLE AMPOULE WITH PURGE CAPABILITY	ZL 201280032520.X	5/24/2012
Entegris, Inc.	REFILLABLE AMPOULE WITH PURGE CAPABILITY	195152.0	5/24/2012
Entegris, Inc.	REFILLABLE AMPOULE WITH PURGE CAPABILITY	9347616.0	5/24/2012
Entegris, Inc.	FLUID MONITORING APPARATUS	9134146.0	6/23/2010
Entegris, Inc.	Polymer blends containing finely milled carbon fiber/SG	2014004600.0	7/19/2012



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Polymer blends containing finely milled carbon fiber/EP	2734580.0	7/19/2012
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	9109755.0	6/18/2011
Entegris, Inc.	Wafer Carrier (MAC)/US	9312157 B2	8/13/2012
Entegris, Inc.	Wafer Carrier (MAC)/CN	ZL201280045248.9	8/13/2012
Entegris, Inc.	Wafer Carrier (MAC)/TW	I587444	8/13/2012
Entegris, Inc.	SYSTEM AND METHOD FOR DETECTING BUBBLES IN A FLUID/CN	ZL 201280048390.9	8/17/2012
Entegris, Inc.	SYSTEM AND METHOD FOR DETECTING BUBBLES IN A FLUID	I617362	8/17/2012
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	1451160.0	6/21/2011
Entegris, Inc.	SYSTEM AND METHOD FOR DETECTING AOR IN A FLUID/SG	11201400072R	8/17/2012
Entegris, Inc.	System and Method for Detecting Air in a Fluid/JP	6325442.0	8/17/2012
Entegris, Inc.	METHOD AND SYSTEM FOR PUMP PRIMING	9297374.0	10/20/2011
Entegris, Inc.	ETCHING AGENT FOR COPPER OR COPPER ALLOY	9175404.0	9/28/2012
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	000802764-0001	10/2/2007
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)-0001	000802764-0001-0001	10/2/2007
Entegris, Inc.	Modular Filtration Cassette (EZ Stack )/SG	11201401180X	10/3/2012
Entegris, Inc.	Liner-Based Shipping and Dispensing Containers for the Substantially Sterile Storage, Shipment, and Dispense of Materials	ZL201280060403.4	10/12/2012
Entegris, Inc.	CONTAINER	D799825	8/31/2015
Entegris, Inc.	Wafer Container with Robotic Flange having shell deflection minimization/CN	ZL201180050615.X	10/19/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	1456232.0	6/21/2011
Entegris, Inc.	Mechanical Retention of Purge Filter/TW	I610864	11/20/2013
Entegris, Inc.	reducing microbubbles in chemicals	8777189.0	4/25/2006

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SINGLE USE DISPENSE HEAD WITH KEY CODE	6271574.0	11/27/2013
Entegris, Inc.	COMPOSITIONS FOR CLEANING III-V SEMICONDUCTOR MATERIAL AND METHODS OF USING SAME	9765288.0	12/4/2013
Entegris, Inc.	ANTI-SPIKE PRESSURE MANAGEMENT OF PRESSURE-REGULATED FLUID STORAGE AND DELIVERY VESSELS	9897257.0	9/20/2013
Entegris, Inc.	LINER-BASED SHIPPING AND DISPENSING SYSTEMS	11201403463T	12/20/2012
Entegris, Inc.	Liner-Based Shipping and Dispensing Systems	I607931	12/21/2012
Entegris, Inc.	Optical Sensor Apparatus to Detect Light Based on the Refractive Index of a Sample (Jetalon)/US	9024252.0	2/21/2012
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	9,546,321 B2	12/27/2012
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	6329909.0	12/27/2012
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	I588239	12/28/2012
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	ZL 201280064443.6	12/27/2012
Entegris, Inc.	Modular Filtration Cassette (EZ Stack )	9943789.0	10/3/2012
Entegris, Inc.	Folded Liner for use with and Overpack and Methods of Manufacturing the Same	5759081.0	2/1/2013
Entegris, Inc.	Folded Liner for use with an Overpack and Methods of Manufacturing the Same	9067718.0	2/1/2013
Entegris, Inc.	Folded Liner for use with an Overpack and Methods of Manufacturing the Same	ZL201380004257.8	2/1/2013
Entegris, Inc.	POLYMER-BASED MULTILAYER GAS BARRIER FILM	ZL201380009927.5	2/15/2013

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	FOLDED LINER FOR USE WITH AN OVERPACK AND METHODS OF MANUFACTURING THE SAME	10-1280671	2/6/2013
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)	I617344	2/8/2013
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)/US	9694319.0	2/8/2013
Entegris, Inc.	CARBON DOPANT GAS AND CO-FLOW FOR IMPLANT BEAM AND SOURCE LIFE PERFORMANCE IMPROVEMENT	ZL201380019986.0	2/13/2013
Entegris, Inc.	CARBON DOPANT GAS AND CO-FLOW FOR IMPLANT BEAM AND SOURCE LIFE PERFORMANCE IMPROVEMENT	I1201404872S	2/13/2013
Entegris, Inc.	CRITICAL ANGLE OPTICAL SENSOR APPARATUS (Jetalon)/CN	ZL 201380016172.1	2/15/2013
Entegris, Inc.	CRITICAL ANGLE OPTICAL SENSOR APPARATUS (Jetalon)/TW	I503532	2/18/2013
Entegris, Inc.	CARBON DOPANT GAS AND CO-FLOW FOR IMPLANT BEAM AND SOURCE LIFE PERFORMANCE IMPROVEMENT	I632598	2/18/2013
Entegris, Inc.	ALTERNATE MATERIALS AND MIXTURES TO MINIMIZE PHOSPHORUS BUILDUP IN IMPLANT APPLICATIONS	I636494	2/18/2013
Entegris, Inc.	OPTICAL SENSOR APPARATUS AND METHOD OF DETECTING LIGHT BASED ON A REFRACTIVE INDEX OF A SAMPLE (Jetalon)/TW	I534422	2/18/2013
Entegris, Inc.	IMPROVED POST-CHEMICAL MECHANICAL POLISHING FORMULATIONS AND METHODS OF USING SAME	I600756	2/18/2013
Entegris, Inc.	FLUID DELIVERY SYSTEM AND METHOD	I1201405141T	2/22/2013

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	STORAGE, TRANSPORTATION, AND/OR DISPENSE PACKAGING	1465940.0	5/25/2012
Entegris, Inc.	ION IMPLANTATION COMPOSITIONS, SYSTEMS, AND METHODS	9831063.0	3/3/2014
Entegris, Inc.	Organic Solvent Purifier and Method fo Using (IPA PURFIER GEN 2)/KR	101521764.0	3/15/2013
Entegris, Inc.	Organic Solvent Purifier and Method fo Using (IPA PURFIER GEN 2)/JP	5758558.0	3/15/2013
Entegris, Inc.	Organic Solvent Purifier and Method fo Using (IPA PURFIER GEN 2)/EP	2844374.0	3/15/2013
Entegris, Inc.	Ozone Purifier (modified Chacollet)/US	9764268.0	12/9/2013
Entegris, Inc.	WAFER SHIPPER (THIN WAFER SHIPPER Y CUSHION) (ULTRAPAK)/JP	6203819.0	4/9/2013
Entegris, Inc.	STORAGE AND STABILIZATION OF ACETYLENE	2013800312007.0	4/13/2013
Entegris, Inc.	PHASE CHANGE MEMORY STRUCTURE COMPRISING PHASE CHANGE ALLOY CENTER-FILLED WITH DIELECTRIC MATERIAL	9385310.0	4/27/2013
Entegris, Inc.	MANUFACTURING METHOD FOR GENERALLY CYLINDRICAL THREE-DIMENSIONAL CONFORMAL LINERS	6129954.0	4/30/2013
Entegris, Inc.	MANUFACTURING METHOD FOR GENERALLY CYLINDRICAL THREE-DIMENSIONAL CONFORMAL LINERS	I589499	5/1/2013
Entegris, Inc.	WAFER CONTAINER WITH DOOR MOUNTED SHIPPING CUSHIONS (450 mm MAC/FOUP)/CN	ZL201380035131.7	5/6/2013
Entegris, Inc.	WAFER CONTAINER WITH DOOR MOUNTED SHIPPING CUSHIONS (450 mm MAC/FOUP)/TW	I568653	5/6/2013

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	REPLACEABLE WAFER SUPPORT BACKSTOP (450 mm MAC/FOSB/SG)	11201407231P	5/6/2013
Entegris, Inc.	WAFER CONTAINER WITH DOOR MOUNTED SHIPPING CUSHIONS (450 mm MAC/FOUP)/US	9633877.0	5/6/2013
Entegris, Inc.	REPLACEABLE WAFER SUPPORT BACKSTOP (450 mm MAC/FOUP)/TW	I591001	5/6/2013
Entegris, Inc.	REPLACEABLE WAFER SUPPORT BACKSTOP (450 mm MAC/FOSB/JP)	6214630.0	5/6/2013
Entegris, Inc.	WAFER CONTAINER WITH DOOR MOUNTED SHIPPING CUSHIONS (450 mm MAC/FOUP)/JP	6220382.0	5/6/2013
Entegris, Inc.	REPLACEABLE WAFER SUPPORT BACKSTOP (450 mm MAC/FOSB/CN)	ZL 201380035102.0	5/6/2013
Entegris, Inc.	NEW PROEVAP FOR BATCH FURNACE APPLICATION	I611040	5/31/2013
Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	9991095.0	8/12/2009
Entegris, Inc.	APPARATUS AND METHOD FOR PREPARATION OF COMPOUNDS OR INTERMEDIATES THEREOF FROM A SOLID MATERIAL, AND USING SUCH COMPOUNDS AND INTERMEDIATES	US9205392	8/28/2011
Entegris, Inc.	ULTRA-HIGH PURITY STORAGE AND DISPENSING OF LIQUID REAGENTS	ZL201380051543.X	8/7/2013
Entegris, Inc.	ULTRA-HIGH PURITY STORAGE AND DISPENSING OF LIQUID REAGENTS	I622527	8/9/2013
Entegris, Inc.	RETICLE POD WITH COVER TO BASEPLATE ALIGNMENT SYSTEM/US	9919863.0	10/17/2013
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL	8783463.0	3/13/2009

Registered Owner	Title	Registration Number	Date Filed
	CONTROL COMPONENTS (Purge Tower and Getter)		
SAES Pure Gas, Inc	System and method for welding a plurality of small diameter palladium alloy tubes to a common base plate in a space efficient manner	9039814.0	4/18/2013
Entegris, Inc.	ANTI-SPIKE PRESSURE MANAGEMENT OF PRESSURE-REGULATED FLUID STORAGE AND DELIVERY VESSELS	ZL201380060894.7	9/20/2013
Entegris, Inc.	NOVEL COBALT PRECURSORS FOR LOW TEMPERATURE ALD OR CVD OF COBALT-BASED THIN FILMS	I607111	9/25/2013
Entegris, Inc.	FLUORINE FREE TUNGSTEN ALD/CVD PROCESS	9637395.0	9/26/2013
Entegris, Inc.	CMP Brush Packaging/EP	2900571.0	9/28/2013
Entegris, Inc.	Purifier Cassette (EZ Stack)	I619536	10/1/2013
Entegris, Inc.	Purifier Cassette (EZ Stack)/JP	6360833.0	9/30/2013
Entegris, Inc.	OPTO-ELECTRONIC INSPECTION QUALITY ASSURANCE SYSTEM FOR FLUID DISPENSING VALVES	I622725	10/11/2013
Entegris, Inc.	OPTO-ELECTRONIC INSPECTION QUALITY ASSURANCE SYSTEM FOR FLUID DISPENSING VALVES	ZL201380064238.4	10/12/2013
Entegris, Inc.	RETICLE POD WITH COVER TO BASEPLATE ALIGNMENT SYSTEM/JP	6322638.0	10/17/2013
Entegris, Inc.	DOUBLE SELF-ALIGNED PHASE CHANGE MEMORY DEVICE STRUCTURE	9640757.0	10/28/2013
Entegris, Inc.	Electrostatic Chuck/CN	ZL201380057372.1	10/29/2013
Entegris, Inc.	Electrostatic Chuck/JP	6238996.0	10/29/2013
Entegris, Inc.	APPARATUS AND METHOD FOR PRESSURE DISPENSING OF HIGH VISCOSITY LIQUID-CONTAINING MATERIALS	9802807.0	9/17/2014
Entegris, Inc.	VENTILATION GAS MANAGEMENT SYSTEMS AND PROCESSES	9383064.0	1/11/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	METHODS, SYSTEMS, AND APPARATUSES FOR CONTROLLING SUBSTANCE MIXING CONCENTRATION (Jetalon)/TW	I526798	11/18/2013
Entegris, Inc.	FITMENT AND FITMENT ADAPTER FOR DISPENSING SYSTEMS AND METHODS FOR MANUFACTURING SAME	ZL201480072736.8	11/24/2014
Entegris, Inc.	SINGLE USE DISPENSE HEAD WITH KEY CODE	11201504188W	11/27/2013
Entegris, Inc.	DOPANT PRECURSORS FOR MONO-LAYER DOPING	9929014.0	11/22/2014
Entegris, Inc.	Single Use Key Code/TW	I624409	11/29/2013
Entegris, Inc.	POLYMER-BASED MULTILAYER GAS BARRIER FILM	9937687.0	2/15/2013
Entegris, Inc.	COMPOSITIONS FOR CLEANING III-V SEMICONDUCTOR MATERIALS AND METHODS OF USING SAME	I614328	12/5/2013
Entegris, Inc.	Ozone Purifier (modified Chacollet)/CN	ZL201380065040.8	12/9/2013
Entegris, Inc.	Gas Purification Filter Unit	6333732.0	12/9/2013
Entegris, Inc.	Ozone Purifier (modified Chacollet)/SG	11201504635X	12/9/2013
Entegris, Inc.	Ozone Purifier (modified Chacollet)/TW	I619535	12/12/2013
Entegris, Inc.	WAFER CARRIER RING/JP	1490339.0	2/26/2013
Entegris, Inc.	ALD PROCESSES FOR LOW LEAKAGE CURRENT AND LOW EQUIVALENT OXIDE THICKNESS BiTaO FILMS	I619832	2/7/2014
Entegris, Inc.	Vacuum Chuck with Polymeric Embossments" TW"	I620266	2/12/2014
Entegris, Inc.	B2F4 MANUFACTURING PROCESS	9938156.0	10/9/2012
Entegris, Inc.	ION IMPLANTATION COMPOSITIONS, SYSTEMS, AND METHODS	ZL 201480025344.6	3/3/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	6363116.0	3/4/2014

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SULFOLANE MIXTURES AS AMBIENT APROTIC POLAR SOLVENTS	9,520,617 B2	3/14/2014
SAES Pure Gas, Inc	System and method for space efficiently welding a plurality of small diameter palladium alloy tubes to a common base plate	6208848.0	4/14/2014
SAES Pure Gas, Inc	Tube matrix and tube assembly for being used in metal tube matrix system	I610732	4/15/2014
SAES Pure Gas, Inc	PLURALITY OF SMALL DIAMETER PALLADIUM ALLOY TUBES WELDED TO A COMMON BASE PLATE	2986413.0	4/14/2014
Entegris, Inc.	WAFER CONTAINER WITH LATCHING MECHANISM FOR LARGE DIAMETER WAFERS/JP	6329252.0	4/25/2014
Entegris, Inc.	WAFER CONTAINER WITH LATCHING MECHANISM FOR LARGE DIAMETER WAFERS	2989657.0	4/25/2014
Entegris, Inc.	WAFER CONTAINER WITH LATCHING MECHANISM FOR LARGE DIAMETER WAFERS	2989657.0	4/25/2014
Entegris, Inc.	WAFER CONTAINER WITH LATCHING MECHANISM FOR LARGE DIAMETER WAFERS/EP	2989657.0	4/25/2014
Entegris, Inc.	WAFER CONTAINER WITH LATCHING MECHANISM FOR LARGE DIAMETER WAFERS/TW	I607935	4/28/2014
Entegris, Inc.	CMP CONDITIONER PADS WITH SUPERABRASIVE GRIT ENHANCEMENT/EP	2845221.0	5/6/2013
Entegris, Inc.	PREPARATION OF HIGH PRESSURE BF3/H2 MIXTURES	11201509425Q	5/15/2014
Entegris, Inc.	PREPARATION OF HIGH PRESSURE BF3/H2 MIXTURES	9996090.0	5/15/2014
Entegris, Inc.	PREPARATION OF HIGH PRESSURE BF3H2 MIXTURES	I633252	5/16/2014
Entegris, Inc.	ENRICHED SILICON PRECURSOR COMPOSITIONS AND APPARATUS AND PROCESSES FOR UTILIZING SAME	11201506474W	5/21/2014



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Improved barrier layers for pressure sensors/JP	6363180.0	6/4/2014
Entegris, Inc.	APPARATUS AND METHODS FOR FILLING AND DISPENSING LIQUIDS	I621571	7/11/2014
Entegris, Inc.	APPARTUS AND METHODS FOR FILLING AND DISPENSING LIQUIDS	ZL 201480050301.3	7/11/2014
Entegris, Inc.	APPARATUS AND METHODS FOR FILLING AND DISPENSING LIQUIDS	3019419.0	7/11/2014
Entegris, Inc.	APPARATUS AND MEHODS FOR FILLING AND DISPENSING LIQUIDS	11201600127Y	7/11/2014
Entegris, Inc.	Method and Apparatus for Treating Fluids to Reduce Microbubbles/US	9333443.0	6/3/2014
Entegris, Inc.	SILICON IMPLANTATION IN SUBSTRATES AND PROVISION OF SILICON PRECURSOR COMPOSITIONS THEREFOR	I636011	8/15/2014
Entegris, Inc.	SUBSTRATE CONTAINER WITH PURGE PORTS	9997388.0	11/20/2013
Entegris, Inc.	For high viscosity liquid containing body material of the pressure distribution device and method for	105934405.0	9/17/2014
Entegris, Inc.	APPARATUS AND METHOD FOR PRESSURE DISPENSING OF HIGH VISCOSITY LIQUID-CONTAINING MATERIALS	I635999	9/19/2014
Entegris, Inc.	TOWERS FOR SUBSTRATE CARRIERS	I606534	10/14/2014
Entegris, Inc.	TOWERS FOR SUBSTRATE CARRIERS	6334716.0	10/14/2014
Entegris, Inc.	DIP TUBE ASSEMBLIES AND METHODS OF MANUFACTURING THE SAME	3057884.0	10/17/2014
Entegris, Inc.	TPIR APPARATUS FOR MONITORING TUNGSTEN HEXAFLUORIDE PROCESSING TO DETECT GAS PHASE NUCLEATION, AND METHOD AND SYSTEM UTILIZING SAME	3057884.0	10/17/2014

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULIC CONNECTORS	ZL 201480058611.X	10/22/2014
Entegris, Inc.	FITMENT AND FITMENT ADAPTER FOR DISPENSING SYSTEMS AND METHODS FOR MANUFACTURING SAME	I630150	11/26/2014
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/KR	30-873707	12/12/2014
Entegris, Inc.	Controlling Mixing Concentration (Jetalon)/US	10081000.0	11/15/2013
Entegris, Inc.	Analytical Method for the Measurement of Trace Level Acidic and Basic AMC using Liquid-Free Sample T/US	10031114.0	9/5/2014
Entegris, Inc.	WAFER SHIPPER WITH STACKED SUPPORT RINGS	3111472.0	2/24/2015
Entegris, Inc.	COBALT CVD	9997362.0	3/26/2015
Entegris, Inc.	POROUS BARRIER FOR EVENLY DISTRIBUTED PURGE GAS IN A MICROENVIRONMENT	10032660.0	6/9/2015
Entegris, Inc.	System and Method for Detection and Signaling of Signaling of Component End-of-Life in a Dissolved Oxygen Sensor (Jetalon)	10107755.0	3/19/2015
Entegris, Inc.	MOLDED FLUOROPOLYMER BREAKSEAL WITH COMPLIANT MEMBER	9994371.0	7/21/2015
Entegris, Inc.	PHOSPHORUS OR ARSENIC ION IMPLANTATION UTILIZING ENHANCED SOURCE TECHNIQUES	10109488.0	8/19/2015
Entegris, Inc.	CONTAINER	ZL 201630055428.6	2/29/2016
Entegris, Inc.	Yttria properties improvement by post coat annealing/KR	10-1891381	9/30/2015
Entegris, Inc.	SUBSTRATE SHIPPER	11-00563-0101	4/29/2011
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/JP	1540467.0	12/12/2014
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	30-862744	11/24/2015
Entegris, Inc.	WAFER SUPPORT RING	1546854.0	6/8/2015
Entegris, Inc.	Purification Cassette(EZ Stack)/US	9802142.0	10/1/2013
Entegris, Inc.	Purge Configurable Wafer Shipper	ZL 201620291883.0	4/8/2016
Entegris, Inc.	Exterior 450mm Container configuration.	402011002135.8	4/19/2011
Entegris, Inc.	SUBSTRATE SHIPPER	001856824-0001	4/28/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SUBSTRATE SHIPPER-0001	001856824-0001-0001	4/28/2011
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING METAL NITRIDES	9831088.0	10/6/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	1880162.0	6/20/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES-0004	001880162-0004	6/20/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES-0001	001880162-0001	6/20/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES-0003	001880162-0003	6/20/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES-0002	001880162-0002	6/20/2011
Entegris, Inc.	3D printed Features on membranes	I618634	11/18/2016
Entegris, Inc.	two point sealing gasket	ZL 201621359918.6	12/12/2016
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	3218640.0	2/1/2017
Entegris, Inc.	5% H2 enriched BF3 mixture	I636013	3/28/2017
Entegris, Inc.	Wafer Support Ring with Stacking Features	30-956868	4/13/2017
Entegris, Inc.	EUV door latch mechanism	I634615	5/26/2017
Entegris, Inc.	VAPOR PHASE ETCHING OF HAFNIA AND ZIRCONIA	10002772.0	6/5/2017
Entegris, Inc.	PrimeLock fitting gauge to determine if fitting is properly tightened	ZL201720734220.6	6/22/2017
Entegris, Inc.	PrimeLock fitting gauge to determine if fitting is properly tightened	M558991	6/22/2017
Entegris, Inc.	WAFER CARRIER RING/MY	13-00257-0101	2/26/2013
Entegris, Inc.	WAFER CARRIER RING/EM	2193110.0	2/28/2013
Entegris, Inc.	WAFER CARRIER RING/EM-0001	002193110-0001	2/28/2013
Entegris, Inc.	WAFER SUPPORT RING-0001	002712596-0001	6/3/2015
Entegris, Inc.	WAFER SUPPORT RING	2712596.0	6/3/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM-0003	D088610	6/30/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM	D088610	6/30/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM-0002	D088610	6/30/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM-0004	D088610	6/30/2015

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM-0001	D088610	6/30/2015
Entegris, Inc.	BOTTOM OPENING CONTAINER	3007350.0	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0004	003007350-0004	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0003	003007350-0003	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0002	003007350-0002	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0005	003007350-0005	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0006	003007350-0006	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0007	003007350-0007	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0001	003007350-0001	2/29/2016
Entegris, Inc.	Method for the removal of airborne molecular contaminants using oxygen gas mixtures",10/683903"	7189291	10/10/2003
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	N/A	N/A
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	N/A	N/A
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	N/A	N/A
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	N/A	N/A
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	N/A	N/A
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	N/A	N/A
SAES Pure Gas, Inc	System and method for welding a plurality of small diameter palladium alloy tubes to a common base plate in a space efficient manner	N/A	N/A

Registered Owner	Title	Registration Number	Date Filed
SAES Pure Gas, Inc	System and method for welding a plurality of small diameter palladium alloy tubes to a common base plate in a space efficient manner	N/A	N/A
SAES Pure Gas, Inc	System and method for welding a plurality of small diameter palladium alloy tubes to a common base plate in a space efficient manner	N/A	N/A
SAES Pure Gas, Inc	System and method for welding a plurality of small diameter palladium alloy tubes to a common base plate in a space efficient manner	N/A	N/A
SAES Pure Gas, Inc	System and method for welding a plurality of small diameter palladium alloy tubes to a common base plate in a space efficient manner	N/A	N/A
SAES Pure Gas, Inc	System and method for welding a plurality of small diameter palladium alloy tubes to a common base plate in a space efficient manner	N/A	N/A
SAES Pure Gas, Inc	GAS PURIFICATION SYSTEM WITH AN INTEGRATED HYDROGEN SORPTION AND FILTER ASSEMBLY	N/A	N/A
SAES Pure Gas, Inc	GAS PURIFICATION SYSTEM WITH AN INTEGRATED HYDROGEN SORPTION AND FILTER ASSEMBLY	N/A	N/A
Entegris, Inc.	POLYTETRAFLUROETHYLENE TREATMENT	N/A	6/23/2004
Entegris, Inc.	Sintered Porous Material Comprising Particles of Different Average Sizes (FV-50DXL) (Project No. 000332, 362 and 354)	N/A	6/16/2010
SAES Pure Gas, Inc	Gaseous hydrogen separator, and the production and use which possess the compound structure in order to separate hydrogen at high efficiency method	4429318.0	5/14/2004
SAES Pure Gas, Inc	AIR PURIFICATION SYSTEM AND METHOD FOR MAINTAINING NITROGEN AND OXYGEN RATIOS WITH	N/A	10/31/2002

Registered Owner	Title	Registration Number	Date Filed
	REGENERATIVEPURIFICATION UNITS		
Entegris, Inc., Tokyo Electron Ltd.	P-758/DE	EP1896359	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	EP1896359	6/5/2006
Entegris, Inc.	NON-AMINE POST-CMP COMPOSITION AND METHOD OF USE	N/A	10/21/2011
Entegris, Inc.	CARBON DOPANT GAS AND CO-FLOW FOR IMPLANT BEAM AND SOURCE LIFE PERFORMANCE IMPROVEMENT	N/A	2/13/2013
Poco Graphite, Inc.	PROCESS FOR MAKING POROUS GRAPHITE AND ARTICLES PRODUCED THEREFROM (HTC),/US	6776936.0	8/9/2001
Entegris, Inc.	ULTRAPHOBIC SURFACE FOR HIGH PRESSURE LIQUIDS,/US	6852390.0	6/3/2003
Entegris, Inc.	CONTAINMENT SYSTEM (Dispense Head)/CN	ZL018146023	6/26/2001
SAES Pure Gas, Inc	GAS PURIFICATION SYSTEM WITH AN INTEGRATED HYDROGEN SORPTION AND FILTER ASSEMBLY	6890376.0	6/26/2003
SAES Pure Gas, Inc	Semiconductor manufacturing system with getter safety device	1028797.0	10/2/1998
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane/DE	2263784.0	9/21/2010
SAES Pure Gas, Inc	Composite structure for high efficiency hydrogen separation and its associated methods of manufacture and use	7125440.0	2/2/2004
Entegris, Inc.	Disposable Fluid Separation Device and Manifold Assembly Design With Easy Change-Out Feature (Solar/DE	1261406.0	2/28/2001
Entegris, Inc.	Filter Design (Panelgard EX filter cartridge)	1305813.0	9/14/2006
Entegris, Inc.	Filter Design (Panelgard EX filter cartridge)	1306024.0	9/14/2006

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	APPARATUS FOR A LIQUID CHEMICAL CONCENTRATION ANALYSIS SYSTEM/US	7268864.0	7/21/2006
Entegris, Inc.	SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENT (NT part)Used in pressure transducers./IE	1311818.0	7/19/2001
Entegris, Inc.	Method and APPARATUS FOR A LIQUID CHEMICAL CONCENTRATION ANALYSIS SYSTEM/US	7397547.0	7/21/2006
Entegris, Inc.	METHOD FOR A LIQUID CHEMICAL CONCENTRATION ANALYSIS SYSTEM/US	7471379.0	9/10/2007
SAES Pure Gas, Inc	GAS PURIFICATION SYSTEM WITH AN INTEGRATED HYDROGEN SORPTION AND FILTER ASSEMBLY	1242165.0	7/12/2000
Entegris, Inc.	Lithographic Projection Apparatus, Gas Purging Method, Device Manufacturing Method and Purge Gas Supply System (ASML Case)	4487108.0	7/20/2004
Entegris, Inc.	FILTER CARTRIDGE CONSTRUCTION (Chemlock)	1490158.0	3/6/2003
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane/DE	1833597.0	12/21/2005
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane/FR	1833597.0	12/21/2005
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane/GB	1833597.0	12/21/2005
Entegris, Inc.	AUTOMATIC DILUTION SYSTEM FOR HIGH-RESOLUTION PARTICLE SIZE ANALYSIS	4875191.0	7/8/2010
Entegris, Inc.	Lithographic Projection Apparatus, Gas Purging Method, Device Manufacturing Method and Purge Gas Supply System (ASML Case)	ZL 200480026605.2	7/20/2004
Entegris, Inc.	SUBSTRATE SHIPPER	236391.0	4/28/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane/FR	2263784.0	9/21/2010
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane/IT	2263784.0	9/21/2010
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane/GB	2263784.0	9/21/2010
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane/NL	2263784.0	9/21/2010
Entegris, Inc.	Exterior 450mm Container configuration.	1440242.0	4/19/2011
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR EFFICIENTLY SEPARATING HYDROGEN GAS FROM A MIXED GAS SOURCE	1871510.0	3/31/2006
Entegris, Inc.	Systems and Method for Removing Contaminants	10-1168455	6/7/2005
Entegris, Inc.	Multilayered Microporous Ultra-High Molecular Weight Polyethylene Membrane	5097556.0	12/21/2005
SAES Pure Gas, Inc	The hydrogen gas separation system having a microchannel structure for efficiently separating hydrogen gas from a mixed gas source	5112366.0	3/19/2009
Entegris, Inc.	POROUS SINTERED COMPOSITE MATERIAL (SUPERCRITICAL CO2 FILTER)	5129926.0	12/11/2003
Entegris, Inc.	ERROR VOLUME SYSTEM AND METHOD FOR A PUMP (Intelligen Mini and HV)	ZL200680051205.6	11/20/2006
Entegris, Inc.	CARBON DIOXIDE PURIFICATION FOR THE SEMICONDUCTOR INDUSTRY (GATEKEEPER AK for purifying CO2) (Proje/	5191626.0	10/16/2003
Entegris, Inc.	Systems and Method for Removing Contaminants	386250.0	6/7/2005
Entegris, Inc.	Systems and Method for Removing Contaminants	8398753.0	6/7/2005



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Reusable Resilient Cushion for Wafer Container (ULTRAPAK Edgegard)	8528738.0	6/12/2007
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Project No. 623)	8533895.0	7/25/2011
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)/GB	2092196.0	7/30/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)/DE	2092196.0	7/30/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)/FR	2092196.0	7/30/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)/IT	2092196.0	7/30/2007
Entegris, Inc.	SYSTEM AND METHOD FOR OPERATION OF A PUMP (Intelligen Mini and HV)/NL	2092196.0	7/30/2007
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)	RE44536	6/1/2011
Entegris, Inc.	Systems and Method for Removing Contaminants/NL	1758669.0	6/7/2005
Entegris, Inc.	Systems and Method for Removing Contaminants	1758669.0	6/7/2005
Entegris, Inc.	Systems and Method for Removing Contaminants/IT	1758669.0	6/7/2005
Entegris, Inc.	Systems and Method for Removing Contaminants/DE	602005041560.2	6/7/2005
Entegris, Inc.	Systems and Method for Removing Contaminants/FR	1758669.0	6/7/2005
Entegris, Inc.	Systems and Method for Removing Contaminants/GB	1758669.0	6/7/2005
Entegris, Inc.	HIGH VOLUME FLUID DISPENSE SYSTEM	8561855.0	4/7/2006
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	8613359.0	7/30/2012

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SUBSTRATE CONTAINER WITH FLUID-SEALING FLOW PASSAGEWAY (SMIF POD)	I-423451	4/18/2005
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)/US	8662859.0	9/14/2012
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	8668093.0	5/11/2011
Entegris, Inc.	WELDED DIAPHRAGM VALVE	8689817.0	1/4/2007
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Pro/NL	1680260.0	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Pro/IT	1680260.0	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Pro/DE	1680260.0	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Pro/FR	1680260.0	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Pro/GB	1680260.0	7/13/2004
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcore) (Project No. 623)	1680260.0	7/13/2004
Entegris, Inc.	Full Rinse Manifold Mixing Valve	8726935.0	7/13/2007
Entegris, Inc.	COMPOSITE SUBSTRATE CARRIER,/US	8734698.0	1/22/2013

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	POROUS COMPOSITE MEMBRANE	175043.0	4/12/2010
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)	8776841.0	6/19/2007
Entegris, Inc.	COMPOSITIONS AND METHODS FOR THE SELECTIVE REMOVAL OF SILICON NITRIDE	8778210 B2	12/21/2007
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	1569738.0	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	1569738.0	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	1569738.0	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	1569738.0	12/4/2003
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE/US	8789708.0	10/30/2013
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)	5595627.0	5/4/2001
Entegris, Inc.	WAFER CARRIER RING/IL	53780.0	2/27/2013
Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	ZL 200980158194.5	8/12/2009
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS	I450994	8/30/2006
Entegris, Inc.	P-765	1933992.0	8/30/2006
Entegris, Inc.	P-765	1933992.0	8/30/2006
Entegris, Inc.	P-765	1933992.0	8/30/2006
Entegris, Inc.	P-765	1933992.0	8/30/2006
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE	1933992.0	8/30/2006

Registered Owner	Title	Registration Number	Date Filed
	FLUORINATED BORON PRECURSORS		
Entegris, Inc.	Sintered Porous Material Comprising Particles of Different Average Sizes (FV-50DXL) (Project No. 000332, 362 and 354)	176877.0	6/16/2010
Entegris, Inc.	METHOD OF ATTACHING PFA FILM TO PE FILM (Bag in a Bag in a Bottle Project)/US	8844774.0	8/28/2008
Entegris, Inc.	Electrostatic chuck with photo-patternable soft protrusion contact surface/US	8861170.0	11/2/2012
Entegris, Inc.	Electrostatic Chuck	8879233.0	5/13/2010
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)/FR	1954946.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)/GB	1954946.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)/DE	1954946.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)/NL	1954946.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR POSITION CONTROL OF A MECHANICAL PISTON IN A PUMP (Intelligen Mini and HV)/IT	1954946.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)/GB	1952022.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)/NL	1952022.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH	1952022.0	11/20/2006

Registered Owner	Title	Registration Number	Date Filed
	REDUCED FORM FACTOR (Intelligen Mini and HV)/IT		
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)/DE	1952022.0	11/20/2006
Entegris, Inc.	SYSTEM AND METHOD FOR MULTISTAGE PUMP WITH REDUCED FORM FACTOR (Intelligen Mini and HV)/FR	1952022.0	11/20/2006
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES/KR	30-0685950-01	6/21/2011
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)/NL	1357998.0	5/4/2001
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)/DE	N/A	7/11/2006
Entegris, Inc.	FILTRATION MODULE (Panelgard EX)	1901825.0	7/11/2006
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)/FR	1357998.0	5/4/2001
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)/DE	60149148.3	5/4/2001
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)/IT	1357998.0	5/4/2001
Entegris, Inc.	FILTERS EMPLOYING BOTH ACIDIC POLYMERS AND PHYSICAL-ADSORPTION MEDIA (ISOSORB) (Silverset)/GB	1357998.0	5/4/2001
Entegris, Inc.	/EM-0003	002595967-0003	12/12/2014
Entegris, Inc.	/EM-0002	002595967-0002	12/12/2014
Entegris, Inc.	/EM-0001	002595967-0001	12/12/2014
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/EM	2595967.0	12/12/2014
Entegris, Inc.	21SENSING SYSTEM AND METHOD/JP	5663565.0	5/17/2010

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	LIQUID-FREE TRAP FOR TRACE LEVEL ACIDIC AND BASIC AMC AND COMPONENTS THEREOF	30201400229X	12/12/2014
Entegris, Inc.	Wafer Container and Method of Manufacture (450 mm)	8919563.0	3/19/2013
Entegris, Inc.	METHODS AND MATERIALS FOR MAKING A MONOLITHIC POROUS PAD CAST ONTO A ROTABLE BASE (Planarcure)	8920571.0	9/17/2013
Entegris, Inc., Solvay Solexis	NON-DEWETTING POROUS MEMBRANES (Solvay)	ZL2010800199689	3/31/2010
Entegris, Inc.	Sintered Porous Material Comprising Particles of Different Average Sizes (FV-50DXL) (Project No. 000332, 362 and 354)	8932381.0	6/16/2010
Entegris, Inc.	MATERIAL STORAGE AND DISPENSING PACKAGES AND METHODS	ZL201210477720.8	4/25/2006
Entegris, Inc.	RETICLE POD PURGE PORT LOCATION (Clarilite)	10-1494024	2/28/2008
Entegris, Inc.	ALON COATED QUARTZ SUBSTRATE/SG	2014008239.0	8/9/2012
Entegris, Inc.	GERMANIUM ANTIMONY TELLURIDE MATERIALS AND DEVICES INCORPORATING SAME	9012876.0	5/21/2010
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	9012874.0	7/22/2014
Entegris, Inc., Varian Semiconductor Equipment	Entegris - Varian Provisional/US	9025305.0	5/24/2011
Entegris, Inc.	Purifier for use in the process of manufacturing the lithium-ion secondary battery (408223)	9023204.0	12/16/2010
Entegris, Inc.	REMOVAL OF LOW MOLECULAR SILOXANES FROM HUMID GAS MATRIX (SILVERSET)	ZL201210129714.3	7/13/2007

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	9038855.0	6/8/2010
Entegris, Inc.	Electrostatic Chuck/SG	10201402319Q	5/13/2010
Entegris, Inc.	POLYTETRAFLUROETHYLENE TREATMENT	N/A	6/23/2004
Entegris, Inc.	POLYTETRAFLUROETHYLENE TREATMENT	N/A	6/23/2004
Entegris, Inc.	POLYTETRAFLUROETHYLENE TREATMENT	602004047552.1	6/23/2004
Entegris, Inc., Solvay Solexis	NON-DEWETTING POROUS MEMBRANES (Solvay)	175044.0	3/31/2010
Entegris, Inc.	LIQUID-FREE TRAP FOR TRACE LEVEL ACIDIC AND BASIC AMC AND COMPONENTS THEREOF	30201400228X	12/12/2013
Entegris, Inc., Varian Semiconductor Equipment	HIGH CONDUCTIVITY ELECTROSTATIC CHUCK (Varian and Entegris)/SG	18834.0	9/8/2011
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)/NL	2060309.0	8/13/2007
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)	2060309.0	8/13/2007
Entegris, Inc.	Filter apparatus with easy air vent (PROCESSGARD ink jet filter sold to Hitachi)/IT	2060309.0	8/13/2007
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON/DE	EP2606004	8/16/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON/FR	EP2606004	8/16/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON/IE	EP2606004	8/16/2011
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS OF MAKING AND USING SAME	EP2606004	8/16/2011
Entegris, Inc.	WAFER SUPPORT RING	ZL201530184195.5	6/8/2015
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)/GB	2453310.0	6/19/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)/FR	2453310.0	6/19/2007

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)/IT	2453310.0	6/19/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)/DE	2453310.0	6/19/2007
SAES Pure Gas, Inc	METHOD AND SYSTEM FOR ANHYDROUS AMMONIA RECOVERY	9211493.0	11/20/2013
Entegris, Inc.	NESTED BLOW MOLDED LINER AND OVERPACK	9211993.0	10/10/2011
Entegris, Inc.	/FR	2669215.0	7/9/2010
Entegris, Inc.	/DE	2669215.0	7/9/2010
Entegris, Inc.	/IE	2669215.0	7/9/2010
Entegris, Inc.	/GB	2669215.0	7/9/2010
Entegris, Inc.	/DE	2669214.0	7/9/2010
Entegris, Inc.	/BE	2669214.0	7/9/2010
Entegris, Inc.	/GB	2669214.0	7/9/2010
Entegris, Inc.	/BE	2669215.0	7/9/2010
Entegris, Inc.	/IE	2669214.0	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	2669215.0	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	2669214.0	7/9/2010
Entegris, Inc.	/FR	2669214.0	7/9/2010
Entegris, Inc.	AUTOMATIC DILUTION SYSTEM FOR HIGH-RESOLUTION PARTICLE SIZE ANALYSIS	5868092.0	9/22/2011
Entegris, Inc.	Organic Solvent Purifier and Method fo Using (IPA PURFIER GEN 2)/SG	11201407134s	3/15/2013
Entegris, Inc.	CLUSTER ION IMPLANTATION OF ARSENIC AND PHOSPHORUS	9269582.0	3/22/2012
SAES Pure Gas, Inc	NITROUS OXIDE REGENERABLE ROOM TEMPERATURE PURIFIER AND METHOD	2841377.0	4/23/2013
SAES Pure Gas, Inc	NITROUS OXIDE REGENERABLE ROOM	2841377.0	4/23/2013



Registered Owner	Title	Registration Number	Date Filed
	TEMPERATURE PURIFIER AND METHOD		
SAES Pure Gas, Inc	NITROUS OXIDE REGENERABLE ROOM TEMPERATURE PURIFIER AND METHOD	2841377.0	4/23/2013
SAES Pure Gas, Inc	NITROUS OXIDE REGENERABLE ROOM TEMPERATURE PURIFIER AND METHOD	2841377.0	4/23/2013
Entegris, Inc.	P-565/GB	2476634.0	4/28/2003
Entegris, Inc.	P-565/NL	2476634.0	4/28/2003
Entegris, Inc.	P-565/IT	2476634.0	4/28/2003
Entegris, Inc.	P-565/IE	2476634.0	4/28/2003
Entegris, Inc.	P-565/DE	2476634.0	4/28/2003
Entegris, Inc.	P-565/FR	2476634.0	4/28/2003
Entegris, Inc.	P-565/BE	2476634.0	4/28/2003
Entegris, Inc.	WAFER SUPPORT RING	30-851365	6/5/2015
Entegris, Inc., Tokyo Electron Ltd.	P-738/BE	1879829.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	P-738/FR	1879829.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	P-738/DE	1879829.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	P-738/IE	1879829.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	P-738/NL	1879829.0	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	P-738/GB	1879829.0	4/25/2006
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)/FR	1989036.0	2/9/2007
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)/GB	1989036.0	2/9/2007
Entegris, Inc.	Low Profile Surface Mount Filter (WAFERGARD) (project #355)/NL	1989036.0	2/9/2007

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Purifier for use in the process of manufacturing the lithium-ion secondary battery (408223)	101621124.0	12/16/2010
Entegris, Inc.	NON-AMINE POST-CMP COMPOSITION AND METHOD OF USE	9340760.0	6/16/2014
Entegris, Inc.	TPIR APPARATUS FOR MONITORING TUNGSTEN HEXAFLUORIDE PROCESSING TO DETECT GAS PHASE NUCLEATION, AND METHOD AND SYSTEM UTILIZING SAME	9340878.0	5/28/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	2494581.0	10/25/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	2494581.0	10/25/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	2494581.0	10/25/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	2494581.0	10/25/2010
Entegris, Inc.	Electrostatic Chuck/TW	I534945	5/14/2010
Entegris, Inc.	PORTION OF A WAFER SUPPORT RING	D175851	9/2/2015
Entegris, Inc., Varian Semiconductor Equipment	HIGH CONDUCTIVITY ELECTROSTATIC CHUCK (Varian and Entegris)	I534940	9/8/2011
Entegris, Inc.	TRIPLE LAYER FILTER/CN	ZL201280022400.1	5/9/2012
Entegris, Inc.	BOTTOM OPENING CONTAINER	201611075.0	2/29/2016
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)	D176128	8/21/2015
Entegris, Inc., Solvay Solexis	NON-DEWETTING POROUS MEMBRANES (Solvay)	9359480.0	3/31/2010
SAES Pure Gas, Inc	Nitrous oxide can be the room temperature purifying device and method for	104245574.0	4/23/2013
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS AND METHODS OF MANUFACTURING THE SAME AND METHODS FOR LIMITING...	5977301.0	7/9/2010

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	BOTTOM OPENING POD (BIOBOP)/AU	AU 201612515	2/29/2016
Entegris, Inc.	BOTTOM OPENING POD (BIOBOP)/AU	201612518.0	2/29/2016
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	1557703.0	11/25/2015
Entegris, Inc., Varian Semiconductor Equipment	Entegris - Varian Provisional	I545683	5/26/2011
Entegris, Inc.	REFILLABLE AMPOULE WITH PURGE CAPABILITY	5985616.0	5/24/2012
Entegris, Inc., International Business Machine	COMPOSITION FOR AND METHOD OF SUPPRESSING TITANIUM NITRIDE CORROSION	9416338.0	10/13/2011
Entegris, Inc.	METAL AND DIELECTRIC COMPATIBLE SACRIFICIAL ANTI-REFLECTIVE COATING CLEANING REMOVAL COMPOSITION	9,422,513 B2	12/3/2014
Entegris, Inc.	Polymer blends containing finely milled carbon fiber/CN	ZL201280043108.8	7/19/2012
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	167848.0	6/5/2006
Entegris, Inc.	PORTION OF A WAFER SUPPORT RING	30-870495	8/26/2015
Entegris, Inc.	CMP PAD CONDITIONER (PLANARGEM) (Project No./CN	103688343.0	3/6/2012
Entegris, Inc.	Electrostatic chuck with protrusions that distribute chucking force/CN	ZL201310159972.0	5/15/2009
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS AND METHODS OF MANUFACTURING THE SAME METHODS FOR LIMITED CHOKE-OFF	10-1657733	7/9/2010
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/JP	1560198.0	12/12/2014
Entegris, Inc.	SILYLENE COMPOSITIONS AND METHODS OF USE THEREOF	9443736.0	5/22/2013

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	OXIDIZING AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	9443713.0	7/1/2014
Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	10-1658975	8/12/2009
Entegris, Inc.	Wafer Support Ring/US	US D767,234 S	3/2/2015
Entegris, Inc.	WAFER CARRIER RING/US	US D767,233 S	2/24/2015
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	US D766,720 S	7/30/2015
Entegris, Inc.	WAFER SUPPORT RING	D178415	6/8/2015
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	EP2441084	6/8/2010
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	ZL 201530484498.9	11/27/2015
Entegris, Inc.	PORTION OF A WRENCH	D178279	6/30/2015
Entegris, Inc.	PORTION OF A WRENCH	D178280	6/30/2015
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS, AND FORMATION OF LARGE BORON HYDRIDES FOR IMPLANTATION	9455147.0	12/26/2012
Entegris, Inc., Varian Semiconductor Equipment	Entegris - Varian Provisional/JP	6014587.0	5/24/2011
Entegris, Inc.	POROUS COMPOSITE MEMBRANE	9457322.0	4/12/2010
Entegris, Inc.	NESTED BLOW MOLDED LINER AND OVERPACK	ZL201180069134.3	10/10/2011
Entegris, Inc.	/FR	EP2441084	6/8/2010
Entegris, Inc.	/GB	EP2441084	6/8/2010
Entegris, Inc.	/DE	EP2441084	6/8/2010
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	EP2441084	6/8/2010
Entegris, Inc., Varian Semiconductor Equipment	HIGH CONDUCTIVITY ELECTROSTATIC CHUCK (Varian and Entegris)/CN	ZL201180043193.3	9/8/2011
Entegris, Inc.	Wafer cushion V with inclined ramp having a dual inclinations on lower leg/CN	201180050742.X	10/19/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Modular Filtration Cassette (EZ Stack )/CN	ZL 201280048849.5	10/3/2012
Entegris, Inc.	Purification System with Manifold Assembly and Removable Filter Cassette (EZ Stack)/US	9468872.0	9/30/2013
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)/US	9472431.0	3/11/2011
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	9469898.0	7/31/2015
Entegris, Inc.	PVDF PYROLYZATE ADSORBENT AND GAS STORAGE AND DISPENSING SYSTEM UTILIZING SAME	9468901.0	12/7/2015
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)/TW	I554455	3/11/2011
SAES Pure Gas, Inc	Nitrous oxide, renewable room temperature purifying apparatus and method	6027227.0	4/23/2013
Entegris, Inc.	Organic Solvent Purifer and Method of using (IPA PURIFIER GEN 2)/TW	I554328	3/21/2013
Entegris, Inc.	WAFER SHIPPER (THIN WAFER SHIPPER Y CUSHION) (ULTRAPAK)/US	9478450.0	4/9/2013
Entegris, Inc.	TRIPLE LAYER FILTER/JP	6030639.0	5/9/2012
Entegris, Inc.	PRECURSORS FOR SILICON DIOXIDE GAP FILL	I555872	6/30/2008
Entegris, Inc.	REFILLABLE AMPOULE WITH PURGE CAPABILITY	I556328	5/28/2012
Entegris, Inc.	METHOD AND COMPOSITION FOR DEPOSITING RUTHENIUM WITH ASSISTIVE METAL SPECIES	10-1676060	3/17/2010
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER, CONTAINER AND/OR LINER FOR REPLACING GLASS BOTTLES, AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS	ZL 201180059945.5	10/10/2011
Entegris, Inc.	Polymer blends containing finely milled carbon fiber/TW	I557168	7/20/2012

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	ION IMPLANTER SYSTEM INCLUDING REMOTE DOPANT SOURCE, AND METHOD COMPRISING SAME	I557771	11/30/2011
Entegris, Inc.	FORMULATIONS FOR THE REMOVAL OF PARTICLES GENERATED BY CERIUM-CONTAINING SOLUTIONS	I557223	1/13/2012
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	191571.0	2/26/2011
Entegris, Inc.	METHOD FOR PREVENTING THE COLLAPSE OF HIGH ASPECT RATIO STRUCTURES DURING DRYING	I559387	8/26/2011
Entegris, Inc.	SILICON PRECURSORS FOR LOW TEMPERATURE ALD OF SILICON-BASED THIN-FILMS	I558719	5/24/2013
Entegris, Inc.	Microenvironment with provisions for Purge Upgrade/TW	M532450	4/8/2016
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON/TW	I558664	8/18/2011
Entegris, Inc.	Polymer blends containing finely milled carbon fiber/JP	6047569.0	7/19/2012
Entegris, Inc.	SINGLE USE DISPENSE HEAD WITH KEY CODE	9505603.0	11/27/2013
Entegris, Inc.	HIGH VOLUME FLUID DISPENSE SYSTEM/DE	1868937.0	4/10/2006
Entegris, Inc.	HIGH VOLUME FLUID DISPENSE SYSTEM	1868937.0	4/10/2006
Entegris, Inc.	AUTOMATIC DILUTION SYSTEM FOR HIGH-RESOLUTION PARTICLE SIZE ANALYSIS	6055895.0	11/9/2015
Entegris, Inc.	COMPOSITIONS AND METHODS FOR THE SELECTIVE REMOVAL OF SILICON NITRIDE	I562234	12/21/2007
Entegris, Inc.	OPTO-ELECTRONIC INSPECTION QUALITY ASSURANCE SYSTEM FOR FLUID DISPENSING VALVES	9518933.0	10/12/2013

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL CONTROL COMPONENTS (Purge Tower and Getter)	10-1687836	3/13/2009
Entegris, Inc.	WAFER CONTAINER WITH DOOR INTERFACE SEAL (450 mm MAC/FOUP)/US	9520310.0	5/6/2013
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	9518701.0	10/14/2014
Entegris, Inc.	Electrostatic Chuck with Photo-Patternable Soft Protrusion Contact Surface	11201503454Q	10/29/2013
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	6059776.0	7/10/2007
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same and Methods for Limiting Chok	9522773.0	7/9/2010
Entegris, Inc.	Wafer Container and Method of Manufacture (450 mm)	I562940	1/13/2009
Entegris, Inc.	Folded Liner for use with an Overpack and Methods of Manufacturing the Same	11201402489S	2/1/2013
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/US	D775342	12/10/2014
Entegris, Inc.	Folded Liner for use with an Overpack and Methods of Manufacturing the Same	I564220	2/4/2013
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/TW	M534794	11/25/2015
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	I564387	5/16/2008
Entegris, Inc.	PRECURSOR COMPOSITIONS FOR ATOMIC LAYER DEPOSITION AND CHEMICAL VAPOR DEPOSITION OF TITANATE, LANTHANATE, AND	9534285.0	6/11/2014

Registered Owner	Title	Registration Number	Date Filed
	TANTALATE DIELECTRIC FILMS		
Entegris, Inc.	TELLURIUM COMPOUNDS USEFUL FOR DEPOSITION OF TELLURIUM CONTAINING MATERIALS	9537095.0	7/16/2014
Entegris, Inc.	Electrostatic chuck with protrusions that distribute chucking force	9543187.0	5/15/2009
Entegris, Inc.	Dissolved Oxygen Sensor	9541539.0	10/31/2014
Entegris, Inc.	NOVEL COBALT PRECURSORS FOR LOW TEMPERATURE ALD OR CVD OF COBALT-BASED THIN FILMS	9540408.0	9/24/2013
Entegris, Inc.	BREAKSEAL	D180626	11/24/2015
Entegris, Inc.	ETCHING AGENT FOR COPPER OR COPPER ALLOY	I565835	9/28/2012
Entegris, Inc.	ETCHING AGENT FOR COPPER OR COPPER ALLOY	I565834	8/16/2011
Entegris, Inc.	CMP PAD CONDITIONER (PLANARGEM) (Project No./IE	2684211.0	3/6/2012
Entegris, Inc.	CMP PAD CONDITIONER (PLANARGEM) (Project No./EP	2684211.0	3/6/2012
Entegris, Inc.	CMP PAD CONDITIONER (PLANARGEM) (Project No./DE	2684211.0	3/6/2012
Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	I567775	8/13/2009
Entegris, Inc., Solvay Solexis	NON-DEWETTING POROUS MEMBRANES (Solvay)	101702681.0	3/31/2010
Entegris, Inc., Varian Semiconductor Equipment	HIGH CONDUCTIVITY ELECTROSTATIC CHUCK (Varian and Entegris)/US	9692325.0	9/8/2011
Entegris, Inc.	A PRESSURIZED SYSTEM FOR DISPENSING FLUIDS	9556012.0	9/5/2014
Entegris, Inc.	P-758	2388233.0	6/5/2006
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	2388233.0	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	2388233.0	6/5/2006
Entegris, Inc.	LINER-BASED DISPENSER	6087833.0	11/22/2011



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	CRITICAL ANGLE OPTICAL SENSOR APPARATUS (Jetalon)/SG	11201405079P	2/15/2013
Entegris, Inc.	FOLDED LINER FOR USE WITH AN OVERPACK AND METHODS OF MANUFACTURING THE SAME	9573747.0	5/14/2015
Entegris, Inc.	WAFER SHIPPER (THIN WAFER SHIPPER Y CUSHION) (ULTRAPAK)/CN	ZL 201380024494.0	4/9/2013
Entegris, Inc.	LINER-BASED SHIPPING AND DISPENSING SYSTEMS	ZL201280070010.1	12/20/2012
Entegris, Inc.	Wafer Carrier (MAC)/JP	6096776.0	8/13/2012
Entegris, Inc.	ION SOURCE CLEANING IN SEMICONDUCTOR PROCESSING SYSTEMS	I573179	2/11/2009
Entegris, Inc.	LIQUID CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	I572746	12/21/2007
Entegris, Inc.	ETCHING SOLUTION FOR COPPER OR COPPER ALLOY	6101421.0	8/11/2011
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	9586188.0	5/4/2015
Entegris, Inc.	SOURCE REAGENT-BASED DELIVERY OF FLUID WITH HIGH MATERIAL FLUX FOR BATCH DEPOSITION	11201407978W	5/31/2013
Entegris, Inc.	Wafer Container and Method of Manufacture (450 mm)	9592930.0	12/2/2014
Entegris, Inc.	AN APPARATUS FOR PREPARING COMPOUNDS OR INTERMEDIATES THEREOF FROM A SOLID MATERIAL AND METHODS OF USING THE SAME	I575574	8/30/2011
Entegris, Inc.	SOLID PRECURSOR-BASED DELIVERY OF FLUID UTILIZING CONTROLLED SOLIDS MORPHOLOGY	I575101	8/31/2007
Entegris, Inc.	CHEMICAL MECHANICAL PLANARIZATION PAD CONDITIONER	6133218.0	3/6/2012
Entegris, Inc.	COPPER PASSIVATING POST-CHEMICAL POLISHING	I576428	5/26/2006

Registered Owner	Title	Registration Number	Date Filed
	CLEANING COMPOSITION AND METHOD OF USE		
Entegris, Inc., Varian Semiconductor Equipment	High Surface Resistivity Electrostatic Chuck (AP9 Chuck)/TW	I576957	5/26/2011
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/JP	1576035.0	6/30/2015
Entegris, Inc.	LINER-BASED SHIPPING AND DISPENSING SYSTEMS	6122444.0	12/20/2012
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	9618942.0	9/26/2014
Entegris, Inc.	CHEMICAL MECHANICAL PLANARIZATION PAD CONDITIONER	9616547.0	8/20/2015
Entegris, Inc.	WAFER SUPPORTING RING/US	D783922	12/8/2014
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	MY-161289-A	6/18/2011
Entegris, Inc.	UNIVERSAL SHIPPING CASSETTE	MY-161044-A	11/18/2010
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)/SG	11201404783S	2/8/2013
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	I579485	11/26/2003
Entegris, Inc.	SINGLE USE DISPENSE HEAD WITH KEY CODE	ZL 201380071361.9	11/27/2013
Entegris, Inc.	STORAGE AND STABILIZATION OF ACETYLENE/US	9630895.0	4/13/2013
Entegris, Inc.	COPPER CLEANING AND PROJECTION FORMULATIONS	6133959.0	10/20/2009
Entegris, Inc.	Organic Solvent Purifier and Method fo Using (IPA PURIFIER GEN 2) (PROTEGO PLUS)/CN	ZL 201380023145.7	3/15/2013
SAES Pure Gas, Inc	NITROUS OXIDE REGENERABLE ROOM TEMPERATURE PURIFIER AND METHOD	9643845.0	10/17/2016

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	I582836	2/25/2011
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK	1578542.0	N/A
Entegris, Inc.	NESTED BLOW MOLDED LINER AND OVERPACK AND METHODS OF MAKING SAME	9650169.0	11/24/2015
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR ULTRA HIGH PURITY (UHP) CARBON DIOXIDE PURIFICATION	3077336.0	3/5/2015
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR ULTRA HIGH PURITY (UHP) CARBON DIOXIDE PURIFICATION	3077336.0	3/5/2015
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR ULTRA HIGH PURITY (UHP) CARBON DIOXIDE PURIFICATION	3077336.0	3/5/2015
Entegris, Inc.	ALON COATED QUARTZ SUBSTRATE/TW	I584421	8/27/2012
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	I584336	10/27/2010
Entegris, Inc.	STORAGE AND STABILIZATION OF ACETYLENE	I583445	4/12/2013
Entegris, Inc.	CLEANING AGENT FOR SEMICONDUCTOR PROVIDED WITH METAL WIRING	I583786	1/28/2011
Entegris, Inc.	B2F4 MANUFACTURING PROCESS	I583442	10/8/2012
Entegris, Inc.	WAFER SHIPPER (THIN WAFER SHIPPER Y CUSHION) (ULTRAPAK)	11201406449Y	4/9/2013
Entegris, Inc.	APPARATUS AND PROCESS FOR INTEGRATED GAS BLENDING	9666435.0	8/12/2013
Entegris, Inc.	Purifier Cassette (EZ Stack)	ZL 201380062389.6	9/30/2013
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION	I585042	2/25/2011

Registered Owner	Title	Registration Number	Date Filed
	SOURCE IN AN ION IMPLANTATION SYSTEM		
Entegris, Inc.	CMP Brush Packaging	9669982.0	9/28/2013
Entegris, Inc.	FLUID MONITORING APPARATUS	10-1746878	6/23/2010
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	10-1747473	10/25/2010
Entegris, Inc.	COMPOSITIONS AND PROCESS FOR STRIPPING PHOTORESIST FROM A SURFACE INCLUDING TITANIUM NITRIDE	9678430.0	5/17/2013
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLI	1946155.0	11/1/2008
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	EP 1960129	11/21/2006
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	EP 1960129	11/21/2006
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLI	1946155.0	11/1/2008
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLI	1946155.0	11/1/2008
Entegris, Inc.	FLOW EQUILIZATION OF A POROUS PAD FORMED ONTO A ROTATABLE BASE (Planarcore)	EP 1960129	11/21/2006
Entegris, Inc.	MOLDED FLUOROPOLYMER BREAKSEAL WITH COMPLIANT MEMBER	1581110.0	11/25/2015
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	1580875.0	11/25/2015
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	6157025.0	7/1/2003

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	CRITICAL ANGLE OPTICAL SENSOR APPARATUS (Jetalon)/JP	6153950.0	2/15/2013
Entegris, Inc.	B2F4 MANUFACTURING PROCESS	ZL 201280060937.7	10/9/2012
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR ULTRA HIGH PURITY (UHP) CARBON DIOXIDE PURIFICATION	9695049.0	3/5/2015
Entegris, Inc.	WRENCH	D790,936	4/1/2015
Entegris, Inc.	FLUID DELIVERY SYSTEM AND METHOD	9695985.0	2/22/2013
Entegris, Inc.	RETICLE POD WITH COVER TO BASEPLATE ALIGNMENT SYSTEM/TW	I591002	10/18/2013
Entegris, Inc.	PACKAGED CMP BRUSH AND METHOD OF PACKAGING, SHIPPING, PROTECTING CMP BRUSH	I590913	9/30/2013
Entegris, Inc.	CONNECTORS FOR LINER-BASED DISPENSE CONTAINERS	I590992	10/14/2011
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	I591269	11/26/2003
Entegris, Inc.	CMP Brush Packaging/SG	11201502457Y	9/28/2013
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)/TW	I592205	2/8/2013
Entegris, Inc.	VENTILATION GAS MANAGEMENT SYSTEMS AND PROCESSES	I592618	1/13/2011
Entegris, Inc.	METHODS FOR THE SELECTIVE REMOVAL OF ASHED SPIN-ON GLASS	I592468	3/12/2013
Entegris, Inc.	TRIPLE LAYER FILTER/TW	I592204	5/9/2012
Entegris, Inc.	CMP PAD CONDITIONER (PLANARGEM) (Project No.	I592258	3/7/2012
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	ZL 201310032070.0	6/11/2007
Entegris, Inc.	Electrostatic Chuck/US	9721821.0	10/29/2013
Entegris, Inc.	Method and System for Controlling Operation of a Pump Based on Filter	I595157	2/25/2011

Registered Owner	Title	Registration Number	Date Filed
	Information in a Filter Information Tag (IntelliGen Mini and HV)/TW		
Entegris, Inc.	Method and System for Optimizing Operation of a Pump (Advanced Filtration System (AFS) for IntelliG	ZL201510867951.3	2/18/2011
Entegris, Inc.	CARBON DOPANT GAS AND CO-FLOW FOR IMPLANT BEAM AND SOURCE LIFE PERFORMANCE IMPROVEMENT	2815424.0	2/13/2013
Entegris, Inc.	CONTROLLING MIXING CONCENTRATION (Jetalon)/TW	I596459	11/18/2013
Entegris, Inc.	WAFER SHIPPER (THIN WAFER SHIPPER Y CUSHION) (ULTRAPAK)/TW	I596693	4/9/2013
Entegris, Inc.	Fluid Delivery System and Method	I596057	2/23/2013
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER, CONTAINER AND/OR LINER FOR REPLACING GLASS BOTTLES, AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS	I596047	10/11/2011
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	2001666.0	3/28/2007
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	2001666.0	3/28/2007
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	2001666.0	3/28/2007
Entegris, Inc.	ATMOSPHERIC PLASMA TREATED PTFE MEMBRANE	2001666.0	3/28/2007
Entegris, Inc.	CMP Brush Packaging	2900571.0	9/28/2013
Entegris, Inc.	RETICLE POD WITH COVER TO BASEPLATE ALIGNMENT SYSTEM	2909110.0	10/17/2013
Entegris, Inc.	RETICLE POD WITH COVER TO BASEPLATE ALIGNMENT SYSTEM	60 2013 025 959.3	10/17/2013
Entegris, Inc.	RETICLE POD WITH COVER TO BASEPLATE ALIGNMENT SYSTEM	2909110.0	10/17/2013
Entegris, Inc.	CMP Brush Packaging	2900571.0	9/28/2013
Entegris, Inc.	FLUID DELIVERY SYSTEM AND METHOD	ZL 201380021263.4	2/22/2013

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	CLEANING COMPOSITION, KIT AND METHOD FOR REMOVING POST-CHEMICAL MECHANICAL POLISHING RESIDUE	I598468	5/16/2008
Entegris, Inc.	ION IMPLANTER SYSTEM INCLUDING REMOTE DOPANT SOURCE, AND METHOD COMPRISING SAME	2647036.0	11/26/2011
Entegris, Inc.	ULTRAHIGH PURITY DICOBALT HEXACARBONYL TERT-BUTYLACETYLENE, CORRESPONDING DERIVATIVES, AND METHODS FOR MAKING AND USING THE SAME	2647036.0	11/26/2011
SAES Pure Gas, Inc	To space effectively the mode of a plurality of small diameter of silver alloy tube is welded at the base plate for a system and method for	105209216.0	4/14/2014
Entegris, Inc.	Wafer Support Ring with Stacking Features	ZL 201730122827.4	4/13/2017
Entegris, Inc.	BOTTOM OPENING CONTAINER	D801046	11/3/2015
Entegris, Inc.	BORON ION IMPLANTATION USING ALTERNATIVE FLUORINATED BORON PRECURSORS/TW	I603916	8/30/2006
Entegris, Inc.	Wafer Support Ring with Stacking Features	1590044.0	4/13/2017
Entegris, Inc.	Wafer Container and Method of Manufacture (450 mm)	3082154.0	1/13/2009
Entegris, Inc.	Modular Filtration Cassette (EZ Stack )/JP	6257089.0	10/3/2012
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	6258384.0	2/26/2011
Entegris, Inc.	Single Use Key Code	2925625.0	11/27/2013
Entegris, Inc.	SINGLE USE DISPENSE HEAD WITH KEY CODE	2925625.0	11/27/2013
Entegris, Inc.	Single Use Key Code	2925625.0	11/27/2013

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	POLYMER-BASED MULTILAYER GAS BARRIER FILM/JP	6261006.0	2/15/2013
Entegris, Inc.	TPIR APPARATUS FOR MONITORING TUNGSTEN HEXAFLUORIDE PROCESSING TO DETECT GAS PHASE NUCLEATION, AND METHOD AND SYSTEM UTILIZING SAME	10-1815717	5/28/2010
SAES Pure Gas, Inc	METHOD AND SYSTEM FOR ANHYDROUS AMMONIA RECOVERY	I609984	11/20/2013
SAES Pure Gas, Inc	For ultra high purity uhp carbon dioxide purification system and method for	106103342.0	3/5/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/US	D811183	N/A
Entegris, Inc.	ETCHING AGENT FOR COPPER OR COPPER ALLOY	6285983.0	9/30/2011
Entegris, Inc.	Wafer Support Ring with Stacking Features	D815385	10/13/2016
Entegris, Inc.	APPARATUS AND METHODS FOR FILLING AND DISPENSING LIQUIDS	3019419.0	7/11/2014
SAES Pure Gas, Inc	NITROUS OXIDE REGENERABLE ROOM TEMPERATURE PURIFIER AND METHOD	101866918.0	4/23/2013
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	D124541	10/2/2007
Entegris, Inc.	Optimizer Filter and Manifold	D513304 S	8/3/2000
Entegris, Inc.	SUBSTRATE SHIPPER	ZL201130105546.0	4/29/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	ZL201130192364.1	6/21/2011
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL/US	D545393	9/2/2004
Entegris, Inc.	Filter Design (Panelgard EX filter cartridge)	1305814.0	9/14/2006
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	D2007/863/I	5/2/2007
Entegris, Inc.	WAFER CARRIER RING/CN	ZL201330048940.4	2/28/2013
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	30-0488622	8/20/2007



Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Exterior 450mm Container configuration.	D155582	4/19/2011
Entegris, Inc.	SUBSTRATE SHIPPER	D159162	4/29/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES/TW	D151080	6/21/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D151079	6/21/2011
Entegris, Inc.	Wafer Carrier Door	D611437	3/18/2008
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	D622920	5/2/2007
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/CN	ZL201430522752.5	12/12/2014
Entegris, Inc.	WAFER CARRIER RING/TW	D160525	2/27/2013
Entegris, Inc.	WRENCH	ZL201530216403.5	6/26/2015
Entegris, Inc.	Optimizer Filter and Manifold/	2094686.0	8/3/2000
Entegris, Inc.	BOTTOM OPENING CONTAINER	201611087.0	2/29/2016
Entegris, Inc.	SUBSTRATE SHIPPER	D2011/536/G	4/29/2011
Entegris, Inc.	SUBSTRATE SHIPPER	3-2011-000375	4/29/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D2011/694/B	6/21/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D2011/692/Z	6/21/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D2011/695/I	6/21/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D2011/693/F	6/21/2011
Entegris, Inc.	SUBSTRATE SHIPPER	D664851	10/29/2010
Entegris, Inc.	Exterior 450mm Container configuration.	D668865	10/19/2010
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/TW	D175141	12/12/2014
Entegris, Inc.	SUBSTRATE SHIPPER/US	D673853	8/6/2012
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	D682497	12/21/2010
Entegris, Inc.	Exterior 450mm Container configuration./US	D689696	N\A
Entegris, Inc.	WAFER CARRIER RING/SG	D2013/263/A	2/25/2013
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	30-0685950	6/21/2011
Entegris, Inc.	SUBSTRATE SHIPPER	30-0687800	4/29/2011
Entegris, Inc.	Storage, Transportation, and/or Dispense Packaging	D702128	4/12/2012
Poco Graphite, Inc.	APPARATUS FOR ADJUSTABLE STACKER BAR ASSEMBLY HAVING QUICK CHANGE FEATURES	D641029	8/3/2010

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	1334721.0	11/2/2007
Entegris, Inc.	WAFER CARRIER RING/KR	30-0727425	2/27/2013
Entegris, Inc.	WAFER CARRIER RING/US	D723239	8/30/2012
Entegris, Inc.	STORAGE, TRANSPORTATION, AND/OR DISPENSE PACKAGING	30-0737241	6/5/2012
Entegris, Inc.	Wafer Support Ring with Stacking Features	D189096	4/13/2017
Entegris, Inc.	Exterior 450mm Container configuration./US	D740031	9/17/2013
Entegris, Inc.	Exterior 450mm Container configuration.	1440312.0	4/19/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	1451160.0	6/21/2011
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)	000802764-0001	10/2/2007
Entegris, Inc.	Cleaning Sponge Roller (Planarcore)-0001	000802764-0001-0001	10/2/2007
Entegris, Inc.	CONTAINER	D799825	8/31/2015
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	1456232.0	6/21/2011
Entegris, Inc.	STORAGE, TRANSPORTATION, AND/OR DISPENSE PACKAGING	1465940.0	5/25/2012
Entegris, Inc.	WAFER CARRIER RING/JP	1490339.0	2/26/2013
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/KR	30-873707	12/12/2014
Entegris, Inc.	CONTAINER	ZL 201630055428.6	2/29/2016
Entegris, Inc.	SUBSTRATE SHIPPER	11-00563-0101	4/29/2011
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/JP	1540467.0	12/12/2014
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	30-862744	11/24/2015
Entegris, Inc.	WAFER SUPPORT RING	1546854.0	6/8/2015
Entegris, Inc.	Exterior 450mm Container configuration.	402011002135.8	4/19/2011
Entegris, Inc.	SUBSTRATE SHIPPER	001856824-0001	4/28/2011
Entegris, Inc.	SUBSTRATE SHIPPER-0001	001856824-0001-0001	4/28/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES	1880162.0	6/20/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES-0004	001880162-0004	6/20/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES-0001	001880162-0001	6/20/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES-0003	001880162-0003	6/20/2011
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES-0002	001880162-0002	6/20/2011

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	Wafer Support Ring with Stacking Features	30-956868	4/13/2017
Entegris, Inc.	WAFER CARRIER RING/MY	13-00257-0101	2/26/2013
Entegris, Inc.	WAFER CARRIER RING/EM	2193110.0	2/28/2013
Entegris, Inc.	WAFER CARRIER RING/EM-0001	002193110-0001	2/28/2013
Entegris, Inc.	WAFER SUPPORT RING-0001	002712596-0001	6/3/2015
Entegris, Inc.	WAFER SUPPORT RING	2712596.0	6/3/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM-0003	D088610	6/30/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM	D088610	6/30/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM-0002	D088610	6/30/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM-0004	D088610	6/30/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/EM-0001	D088610	6/30/2015
Entegris, Inc.	BOTTOM OPENING CONTAINER	3007350.0	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0004	003007350-0004	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0003	003007350-0003	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0002	003007350-0002	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0005	003007350-0005	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0006	003007350-0006	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0007	003007350-0007	2/29/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER-0001	003007350-0001	2/29/2016
Entegris, Inc.	Filter Design (Panelgard EX filter cartridge)	1305813.0	9/14/2006
Entegris, Inc.	Filter Design (Panelgard EX filter cartridge)	1306024.0	9/14/2006
Entegris, Inc.	SUBSTRATE SHIPPER	236391.0	4/28/2011
Entegris, Inc.	Exterior 450mm Container configuration.	1440242.0	4/19/2011
Entegris, Inc.	WAFER CARRIER RING/IL	53780.0	2/27/2013
Entegris, Inc.	CMP BRUSH FOR CLEANING WAFER EDGES/KR	30-0685950-01	6/21/2011
Entegris, Inc.	/EM-0003	002595967-0003	12/12/2014

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	/EM-0002	002595967-0002	12/12/2014
Entegris, Inc.	/EM-0001	002595967-0001	12/12/2014
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/EM	2595967.0	12/12/2014
Entegris, Inc.	LIQUID-FREE TRAP FOR TRACE LEVEL ACIDIC AND BASIC AMC AND COMPONENTS THEREOF	30201400229X	12/12/2014
Entegris, Inc.	LIQUID-FREE TRAP FOR TRACE LEVEL ACIDIC AND BASIC AMC AND COMPONENTS THEREOF	30201400228X	12/12/2013
Entegris, Inc.	WAFER SUPPORT RING	ZL201530184195.5	6/8/2015
Entegris, Inc.	WAFER SUPPORT RING	30-851365	6/5/2015
Entegris, Inc.	PORTION OF A WAFER SUPPORT RING	D175851	9/2/2015
Entegris, Inc.	BOTTOM OPENING CONTAINER	201611075.0	2/29/2016
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)	D176128	8/21/2015
Entegris, Inc.	BOTTOM OPENING POD (BIOBOP)/AU	AU 201612515	2/29/2016
Entegris, Inc.	BOTTOM OPENING POD (BIOBOP)/AU	201612518.0	2/29/2016
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	1557703.0	11/25/2015
Entegris, Inc.	PORTION OF A WAFER SUPPORT RING	30-870495	8/26/2015
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/JP	1560198.0	12/12/2014
Entegris, Inc.	Wafer Support Ring/US	US D767,234 S	3/2/2015
Entegris, Inc.	WAFER CARRIER RING/US	US D767,233 S	2/24/2015
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	US D766,720 S	7/30/2015
Entegris, Inc.	WAFER SUPPORT RING	D178415	6/8/2015
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	ZL 201530484498.9	11/27/2015
Entegris, Inc.	PORTION OF A WRENCH	D178279	6/30/2015
Entegris, Inc.	PORTION OF A WRENCH	D178280	6/30/2015
Entegris, Inc.	LIQUID FREE SAMPLE TRAP/US	D775342	12/10/2014
Entegris, Inc.	BREAKSEAL	D180626	11/24/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/JP	1576035.0	6/30/2015
Entegris, Inc.	WAFER SUPPORTING RING/US	D783922	12/8/2014
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK	1578542.0	N/A

Registered Owner	Title	Registration Number	Date Filed
Entegris, Inc.	MOLDED FLUOROPOLYMER BREAKSEAL WITH COMPLIANT MEMBER	1581110.0	11/25/2015
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	1580875.0	11/25/2015
Entegris, Inc.	WRENCH	D790,936	4/1/2015
Entegris, Inc.	Wafer Support Ring with Stacking Features	ZL 201730122827.4	4/13/2017
Entegris, Inc.	BOTTOM OPENING CONTAINER	D801046	11/3/2015
Entegris, Inc.	Wafer Support Ring with Stacking Features	1590044.0	4/13/2017
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/US	D811183	N/A
Entegris, Inc.	Wafer Support Ring with Stacking Features	D815385	10/13/2016
Entegris, Inc.	Housing (PANELGARD)/JP	3150265.0	2/20/2009
Entegris, Inc.	DIFFUSER (Chambergard)/JP	3152647.0	5/28/2009
Entegris, Inc.	SLEEVE (Virgo) (POU Filter WEG)/JP	3158110.0	11/30/2009
Entegris, Inc.	Improvement to Wafergard (Utility Model)/JP	3162149.0	6/11/2010
Entegris, Inc.	Modified Spring Cushion for Film Frame Shipper/TW	M510539	4/1/2015
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/DE	212015000036.0	11/23/2015
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/CN	ZL 201590000189.2	11/23/2015
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/JP	3217688.0	11/23/2015
Entegris, Inc.	Purge Configurable Wafer Shipper	ZL 201620291883.0	4/8/2016
Entegris, Inc.	PrimeLock fitting gauge to determine if fitting is properly tightened	ZL201720734220.6	6/22/2017
Entegris, Inc.	PrimeLock fitting gauge to determine if fitting is properly tightened	M558991	6/22/2017
Entegris, Inc.	Microenvironment with provisions for Purge Upgrade/TW	M532450	4/8/2016
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/TW	M534794	11/25/2015
Poco Graphite, Inc.	PROCESS FOR MAKING A CARBON FOAM INDUCED BY PROCESS DEPRESSURIZATION (HTC),	6576168.0	5/22/2001

Registered Owner	Title	Registration Number	Date Filed
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLITH	5031759.0	11/1/2006
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR ADJUSTABLE STACKER BAR ASSEMBLY HAVING VERTICLE ACCOMONDATION FEATURES	7814766.0	5/7/2007
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLITH	7931853.0	11/9/2007
Poco Graphite, Inc.	APPARATUS FOR ADJUSTABLE STACKER BAR ASSEMBLY HAVING QUICK CHANGE FEATURES	D641029	8/3/2010
Poco Graphite, Inc.	PROCESS FOR MAKING POROUS GRAPHITE AND ARTICLES PRODUCED THEREFROM (HTC),/US	6776936.0	8/9/2001
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLI	1946155.0	11/1/2008
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLI	1946155.0	11/1/2008
Poco Graphite, Inc.	SYSTEM, METHOD AND APPARATUS FOR CONVERSION BONDING OF PRECURSOR SUBCOMPONENT INTO A UNITARY MONOLI	1946155.0	11/1/2008
Poco Graphite, Inc.	APPARATUS FOR ADJUSTABLE STACKER BAR ASSEMBLY HAVING QUICK CHANGE FEATURES	D641029	8/3/2010

**Patent Applications**

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	VAPOR DEPOSITION OF MOLYBDENUM USING A BIS(ALKYL-ARENE) MOLYBDENUM PRECURSOR	United States of America	1/19/2018
Entegris, Inc.	AIRBORNE MOLECULAR CONTAMINATION ACID REMOVAL FILTER USING FUNCTIONALIZED MATERIALS	Patent Cooperation Treaty	6/20/2018
Entegris, Inc.	Functionalized Polyethylene Article	United States of America	4/30/2018
Entegris, Inc.	REGULATOR STABILITY IN A PRESSURE REGULATED STORAGE VESSEL	United States of America	5/4/2018
Entegris, Inc.	FLUID CIRCUIT WITH INTEGRATED ELECTROSTATIC DISCHARGE MITIGATION	United States of America	5/7/2018
Entegris, Inc.	Automatable closure solution for cans with sliding ring	United States of America	5/11/2018
Entegris, Inc.	CONDITIONER FOR CHEMICAL-MECHANICAL-PLANARIZATION PAD AND RELATED METHODS	United States of America	5/17/2018
Entegris, Inc.	METHODS AND APPARATUS USING GERMANIUM TETRAFLUORIDE AND HYDROGEN MIXTURES FOR AN ION IMPLANTATION SYSTEM	United States of America	5/17/2018
Entegris, Inc.	A METHOD FOR SELECTIVELY REMOVING NICKEL PLATINUM MATERIAL	United States of America	7/6/2018
Entegris, Inc.	IMPROVEMENTS TO SELECTIVELY ETCHING MATERIALS	United States of America	7/6/2018
Entegris, Inc.	CLEANING COMPOSITION WITH CORROSION INHIBITOR	United States of America	7/20/2018

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	Membrane Diffuser System for a Substrate Carrier	United States of America	8/28/2018
Entegris, Inc.	POST CMP CLEANING COMPOSITIONS FOR CERIA PARTICLES	United States of America	8/28/2018
Entegris, Inc.	PROCESS FOR FABRICATING A SORBENT-BASED GAS STORAGE AND DISPENSING SYSTEM, UTILIZING SORBENT MATERIAL PRETREATMENT	European Patent	8/30/1999
Entegris, Inc.	ION IMPLANTATION PROCESSES AND APPARATUS USING GALLIUM	United States of America	9/12/2018
Entegris, Inc.	ADSORBENT-BASED, MECHANICALLY-REGULATED GAS STORAGE AND DELIVERY VESSEL	United States of America	9/13/2018
Entegris, Inc.	VALVE SYSTEM WITH POSITION INDICATOR	United States of America	9/13/2018
Entegris, Inc.	FLUOROPOLYMER WITH PERFLUORINATED IONOMERS	United States of America	9/27/2018
Entegris, Inc.	FLUIDIZED GRANULAR ABSORBENT BED FILTER	Patent Cooperation Treaty	5/15/2018
Entegris, Inc.	SUBSTRATE CONTAINER WITH PARTICLE MITIGATION FEATURE	Patent Cooperation Treaty	6/6/2018
Entegris, Inc.	THERMOCHROMIC INDICATOR FOR REAGENT GAS VESSEL	Patent Cooperation Treaty	6/7/2018
Entegris, Inc.	SILICON CARBIDE FILTER MEMBRANE AND METHODS OF USE	Patent Cooperation Treaty	7/3/2018
Entegris, Inc.	CONTAINER FOR HOLDING AND TRANSPORTING RETICLES AND A WINDOW LOCATED IN THE CONTAINER	Patent Cooperation Treaty	7/16/2018
Entegris, Inc.	COMPOSITIONS AND METHODS FOR ETCHING	Patent Cooperation Treaty	9/6/2018



Registered Owner	Title	Country	Date Filed
	SILICON NITRIDE-CONTAINING SUBSTRATES		
Entegris, Inc.	COATINGS FOR GLASS-SHAPING MOLDS AND MOLDS COMPRISING THE SAME	Patent Cooperation Treaty	9/21/2018
SAES Pure Gas, Inc	INTEGRATED HEATED GETTER PURIFIER SYSTEM	Singapore	6/8/2000
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	Japan	4/9/2001
Entegris, Inc.	GAS CABINET ASSEMBLY COMPRISING SORBENT-BASED GAS STORAGE AND DELIVERY SYSTEM	European Patent	4/27/2001
Entegris, Inc.	Thermal regulation of an ion implantation system	Japan	3/6/2002
Entegris, Inc.	SOURCE REAGENT COMPOSITIONS FOR CVD FORMATION OF GATE DIELECTRIC THIN FILMS USING AMIDE PRECURSORS AND METHOD OF USING SAME	Korea, Republic of (KR)	3/27/2002
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND DISPENSING CONTAINER SYSTEM	Japan	4/28/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	Japan	12/4/2003
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	Japan	12/4/2003

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	India	3/12/2004
Entegris, Inc.	EXTENDED STROKE VALVE AND DIAPHRAGM (Integra)	Germany (Federal Republic of)	7/9/2004
Entegris, Inc.	NOVEL METHODS FOR CLEANING ION IMPLANTER COMPONENTS	Korea, Republic of (KR)	10/21/2005
Entegris, Inc.	IDENTIFICATION AND VERIFICATION SYSTEM FOR FLUID DISPENSING SYSTEM	European Patent	4/10/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	Malaysia	4/25/2006
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	Malaysia	4/25/2006
Entegris, Inc.	FLUID STORAGE AND DISPENSING SYSTEMS, AND FLUID SUPPLY PROCESSES COMPRISING SAME	Korea, Republic of (KR)	5/3/2006
Entegris, Inc.	CARBONACEOUS MATERIALS USEFUL FOR FLUID STORAGE\DISPENSING, DESULFURIZATION, AND INFRARED RADIATION EMISSION, AND APPARATUS AND METHODS UTILIZING SAME	India	1/29/2007
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	Korea, Republic of (KR)	6/11/2007
Entegris, Inc.	SYSTEMS FOR PURGING RETICLE STORAGE (Clarilite)	European Patent	6/19/2007
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	European Patent	7/10/2007

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	AQUEOUS cleaner for the removal of post-etch residues	Patent Cooperation Treaty	12/21/2007
Entegris, Inc.	compositions and methods for the SELECTIVE REMOVAL OF SILICON NITRIDE	Patent Cooperation Treaty	12/21/2007
Entegris, Inc.	Blow Molded Liner for Overpack Container and Method of Manufacturing the Same	European Patent	12/2/2008
Entegris, Inc.	ION Source Cleaning in Semiconductor Processing Systems	Japan	2/11/2009
Entegris, Inc.	THE USE OF Ge AS ISOLATION LAYER ON SbXTeY OR GeXTeY ALLOY TO PREVENT INTERACTION OF Te FROM SbXTeY AND GeXTeY RESULTING IN HIGH Te CONTENT AND FILM C	Taiwan	6/10/2009
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)/EP	European Patent	3/11/2011
Entegris, Inc.	PRESSURE-REGULATED GAS SUPPLY VESSEL	Singapore	10/1/2015
Entegris, Inc.	ION IMPLANTATION PROCESSES AND APPARATUS	China	10/27/2015
Entegris, Inc.	REMOVAL OF LOW MOLECULAR SILOXANES FROM HUMID GAS MATRIX (SiLVERSET)	European Patent	7/13/2007
Entegris, Inc.	CMP Brush Packaging/CN	China	9/28/2013
Entegris, Inc.	CMP Brush Packaging/JP	Japan	9/28/2013
Entegris, Inc.	CMP Brush Packaging/KR	Korea, Republic of (KR)	9/28/2013
Entegris, Inc.	Anti-Backlash Mechanism for Motor-Driven Components in Precision Systems and Applications/TW	Taiwan	5/28/2015
Entegris, Inc.	SYSTEMS AND METHODS FOR MANAGING MATERIAL STORAGE VESSELS HAVING INFORMATION STORAGE ELEMENTS	United States of America	3/12/2015

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	CLEANING AGENT FOR SEMICONDUCTOR PROVIDED WITH METAL WIRINGN	China	1/28/2011
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	Japan	4/25/2006
Entegris, Inc.	CHEMICAL MECHANICAL PLANARIZATION PAD CONDITIONER WITH ELONGATED CUTTING EDGES/TW	Taiwan	3/23/2015
Entegris, Inc.	Electrostatic Chuck/EP	European Patent	10/29/2013
Entegris, Inc.	Tamper Proof Bolts for use in Sealing Vaporizers and Other Related Containers US	United States of America	N/A
Entegris, Inc.	Electrostatic Chuck/KR	Korea, Republic of (KR)	10/29/2013
Entegris, Inc.	Nozzle Filter	United States of America	9/28/2018
Entegris, Inc.	Nozzle Filter	Singapore	N/A
Entegris, Inc.	PACKAGING FOR DIP TUBES	Taiwan	5/22/2015
Entegris, Inc.	ANTI-SPIKE PRESSURE MANAGEMENT OF PRESSURE-REGULATED FLUID STORAGE AND DELIVERY VESSELS	European Patent	9/20/2013
Entegris, Inc.	COATINGS FOR GLASS-SHAPING MOLDS AND MOLDS COMPRISING THE SAME	United States of America	9/21/2018
Entegris, Inc.	ANTI-SPIKE PRESSURE MANAGEMENT OF PRESSURE-REGULATED FLUID STORAGE AND DELIVERY VESSELS	Korea, Republic of (KR)	9/20/2013
Entegris, Inc.	ANTI-SPIKE PRESSURE MANAGEMENT OF PRESSURE-REGULATED FLUID STORAGE AND DELIVERY VESSELS	Singapore	9/20/2013
Entegris, Inc.	HYDROPHOBIC POLYETHYLENE MEMBRANE FOR USE IN	European Patent	3/17/2017

Registered Owner	Title	Country	Date Filed
	VENTING, DEGASSING, AND MEMBRANE DISTILLATION PROCESSES		
Entegris, Inc.	NOVEL COBALT PRECURSORS FOR LOW TEMPERATURE ALD OR CVD OF COBALT-BASED THIN FILMS	Korea, Republic of (KR)	9/24/2013
Entegris, Inc.	HYDROPHOBIC POLYETHYLENE MEMBRANE FOR USE IN VENTING, DEGASSING, AND MEMBRANE DISTILLATION PROCESSES	Singapore	3/17/2018
Entegris, Inc.	HYDROPHOBIC POLYETHYLENE MEMBRANE FOR USE IN VENTING, DEGASSING, AND MEMBRANE DISTILLATION PROCESSES	India	N/A
Entegris, Inc.	HYDROPHOBIC POLYETHYLENE MEMBRANE FOR USE IN VENTING, DEGASSING, AND MEMBRANE DISTILLATION PROCESSES	Japan	N/A
Entegris, Inc.	HYDROPHOBIC POLYETHYLENE MEMBRANE FOR USE IN VENTING, DEGASSING, AND MEMBRANE DISTILLATION PROCESSES	United States of America	9/18/2018
Entegris, Inc.	System and Method for Detection and Signaling of Component End-of-Life in a Dissolved Oxygen Sensor (Jetalon)/TW	Taiwan	3/20/2015
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR ULTRA HIGH PURITY (UHP) CARBON DIOXIDE PURIFICATION	Taiwan	3/10/2015
Entegris, Inc.	METHOD OF IMPLANTING BORON USING	European Patent	8/16/2011

Registered Owner	Title	Country	Date Filed
	ISOTOPICALLY ENRICHED BORON PRECURSORS		
Entegris, Inc.	GAS FILTER	United States of America	9/21/2018
Entegris, Inc.	GAS FILTER	Singapore	4/3/2017
Entegris, Inc.	SiGe Etch with Selectivity to Si	United States of America	4/11/2018
Entegris, Inc.	SiGe Etch with Selectivity to Si	Taiwan	4/11/2018
Entegris, Inc.	POST CHEMICAL MECHANICAL POLISHING FORMULATIONS AND METHOD OF USE	Patent Cooperation Treaty	4/11/2018
Entegris, Inc.	POST CHEMICAL MECHANICAL POLISHING FORMULATIONS AND METHOD OF USE	United States of America	4/11/2018
Entegris, Inc.	POST CHEMICAL MECHANICAL POLISHING FORMULATIONS AND METHOD OF USE	Taiwan	4/11/2018
Entegris, Inc.	CARBON DOPANT GAS AND CO-FLOW FOR IMPLANT BEAM AND SOURCE LIFE PERFORMANCE IMPROVEMENT	China	2/13/2013
Entegris, Inc.	Analytical Method for the Measurement of Trace Level Acidic and Basic AMC using Liquid-Free Sample T	Singapore	9/5/2014
Entegris, Inc.	LOW TEMPERATURE MOLYBDENUM FILM DEPOSITION UTILIZING BORON NUCLEATION LAYERS	United States of America	4/20/2018
Entegris, Inc.	ADSORBENTS AND FLUID SUPPLY PACKAGES AND APPARATUS COMPRISING SAME	United States of America	11/4/2016
Entegris, Inc.	ADSORBENTS AND FLUID SUPPLY PACKAGES AND APPARATUS COMPRISING SAME	China	11/4/2016
Entegris, Inc.	ADSORBENTS AND FLUID SUPPLY PACKAGES AND	Japan	11/4/2016

Registered Owner	Title	Country	Date Filed
	APPARATUS COMPRISING SAME		
Entegris, Inc.	ADSORBENTS AND FLUID SUPPLY PACKAGES AND APPARATUS COMPRISING SAME	Korea, Republic of (KR)	11/4/2016
Entegris, Inc.	CVD Mo deposition by using MoOCI4	United States of America	4/26/2018
Entegris, Inc.	IMPROVED CVD MO DEPOSITION WITH MOC15 USING B2H6 BASED NUC	Patent Cooperation Treaty	4/25/2018
Entegris, Inc.	Improving Ion Implant Plasma Flood Gun (PFG) performance by using trace insitu cleaning Gas in sputt	China	12/23/2016
Entegris, Inc.	Improving Ion Implant Plasma Flood Gun (PFG) performance by using trace insitu cleaning Gas in sputt	Japan	12/23/2016
Entegris, Inc.	Improving Ion Implant Plasma Flood Gun (PFG) performance by using trace insitu cleaning Gas in sputt	Korea, Republic of (KR)	12/23/2016
Entegris, Inc.	Improving Ion Implant Plasma Flood Gun (PFG) performance by using trace insitu cleaning Gas in sputt	United States of America	12/23/2016
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM COMPRISING REGULATOR INTERIORLY DISPOSED FLUID CONTAINMENT VESSEL AND ADJUSTMENT IN SITU THEREIN	Korea, Republic of (KR)	4/9/2001
Entegris, Inc.	FLUID DELIVERY SYSTEM AND METHOD	Japan	2/22/2013
Entegris, Inc.	FLUID DELIVERY SYSTEM AND METHOD	European Patent	2/22/2013
Entegris, Inc.	NODULE RATIOS FOR TARGETED ENHANCED CLEANING PERFORMANCE	Taiwan	2/24/2015
Entegris, Inc.	Ozone Purifier (modified Chacollet)/KR	Korea, Republic of (KR)	12/9/2013

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	Ozone Purifier (modified Chacollet)/EP	European Patent	12/9/2013
Entegris, Inc.	Purifier Cassette (EZ Stack)/SG	Singapore	9/30/2013
Entegris, Inc.	Purifier Cassette (EZ Stack)/MY	Malaysia	9/30/2013
Entegris, Inc.	Purifier Cassette (EZ Stack)/KR	Korea, Republic of (KR)	9/30/2013
Entegris, Inc.	Purifier Cassette (EZ Stack)/EP	European Patent	9/30/2013
Entegris, Inc.	All Nickel Purification Housing and Filtration Apparatus for purification of Corrosive Gases/TW	Taiwan	4/20/2015
Entegris, Inc.	SYSTEM AND METHOD FOR REMOVING AIRBORNE MOLECULAR CONTAMINANTS FROM GAS STREAMS/TW	Taiwan	3/19/2015
Entegris, Inc.	METHOD AND APPARATUS FOR PREVENTING MICROPARTICLES AND DUST MIGRATION AND COATING (Snap Ring)/KR	Korea, Republic of (KR)	8/28/2013
Entegris, Inc.	METHOD AND APPARATUS FOR PREVENTING MICROPARTICLES AND DUST MIGRATION AND COATING (Snap Ring)/JP	Japan	8/28/2013
Entegris, Inc.	METHOD AND APPARATUS FOR PREVENTING MICROPARTICLES AND DUST MIGRATION AND COATING (Snap Ring)/CN	China	8/28/2013
Entegris, Inc.	METHOD AND APPARATUS FOR PREVENTING MICROPARTICLES AND DUST MIGRATION AND COATING (Snap Ring)	United States of America	8/28/2013
Entegris, Inc.	WAFER CONTAINER WITH DOOR INTERFACE SEAL (450 mm MAC/FOUP)/SG	Singapore	5/6/2013
Entegris, Inc.	WAFER CONTAINER WITH DOOR INTERFACE SEAL (450 mm MAC/FOUP)/KR	Korea, Republic of (KR)	5/6/2013
Entegris, Inc.	SUBSTRATE CONTAINER WITH PURGE PORTS	Korea, Republic of (KR)	11/20/2013



<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	SUBSTRATE CONTAINER WITH PURGE PORTS	Japan	11/20/2013
Entegris, Inc., Varian Semiconductor Equipment	Diffusion Resistant Electrostatic Clamp/TW	Taiwan	1/15/2015
Entegris, Inc., Varian Semiconductor Equipment	Diffusion Resistant Electrostatic Clamp/US	United States of America	5/16/2014
Entegris, Inc.	ARSP pod door design/TW	Taiwan	10/31/2014
Entegris, Inc.	WAFER SHIPPER WITH STACKED SUPPORT RINGS	Taiwan	2/25/2015
Entegris, Inc.	Microporous polyamide-imide membranes /TW	Taiwan	11/14/2014
Entegris, Inc.	Microporous polyamide-imide membranes /WO	Patent Cooperation Treaty	11/14/2014
Entegris, Inc.	Dissolved Oxygen Sensor	Taiwan	11/3/2014
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULIC CONNECTORS	Taiwan	10/24/2014
Entegris, Inc.	CMP CONDITIONER PADS WITH SUPERABRASIVE GRIT ENHANCEMENT	United States of America	5/6/2013
Entegris, Inc.	CMP CONDITIONER PADS WITH SUPERABRASIVE GRIT ENHANCEMENT/SG	Singapore	5/6/2013
Entegris, Inc.	CMP CONDITIONER PADS WITH SUPERABRASIVE GRIT ENHANCEMENT/KR	Korea, Republic of (KR)	5/6/2013
Entegris, Inc.	CHEMICAL MECHANICAL POLISHING PAD CONDITIONER	Japan	5/6/2013
Entegris, Inc.	CMP CONDITIONER PADS WITH SUPERABRASIVE GRIT ENHANCEMENT/CN	China	5/6/2013
Entegris, Inc.	WAFER CONTAINER WITH DOOR MOUNTED SHIPPING CUSHIONS (450 mm MAC/FOUP)	Singapore	5/6/2013
Entegris, Inc.	WAFER CONTAINER WITH DOOR MOUNTED SHIPPING	European Patent	5/6/2013

Registered Owner	Title	Country	Date Filed
	CUSHIONS (450 mm MAC/FOUP)/EP		
Entegris, Inc.	WAFER CONTAINER WITH DOOR MOUNTED SHIPPING CUSHIONS (450 mm MAC/FOUP)/KR	Korea, Republic of (KR)	5/6/2013
Entegris, Inc.	Electrostatic Chuck and Method of Making Same/TW	Taiwan	2/6/2015
Entegris, Inc.	REPLACEABLE WAFER SUPPORT BACKSTOP (450 mm MAC/FOSB/KR	Korea, Republic of (KR)	5/6/2013
Entegris, Inc.	REPLACEABLE WAFER SUPPORT BACKSTOP (450 mm MAC/FOSB/EP	European Patent	5/6/2013
Entegris, Inc.	WAFER SHIPPER (THIN WAFER SHIPPER Y CUSHION) (ULTRAPAK)/KR	Korea, Republic of (KR)	4/9/2013
Entegris, Inc.	WAFER SHIPPER (THIN WAFER SHIPPER Y CUSHION) (ULTRAPAK)/EP	European Patent	4/9/2013
Entegris, Inc.	Aluminum-oxynitride Coating for Chamber Components in Plasma Cleaning Systems /TW	Taiwan	11/21/2014
Entegris, Inc.	Analytical Method for the Measurement of Trace Level Acidic and Basic AMC using Liquid-Free Sample T/TW	Taiwan	9/5/2014
Entegris, Inc.	System and Method for Variable Dispense Position (Used in Intelligen Mini and HV)/US	United States of America	8/22/2014
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)/KR	Korea, Republic of (KR)	2/8/2013
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)/CN	China	2/8/2013
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)/EP	European Patent	2/8/2013
Entegris, Inc.	CRITICAL ANGLE OPTICAL SENSOR APPARATUS (Jetalon)/KR	Korea, Republic of (KR)	2/15/2013

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	CRITICAL ANGLE OPTICAL SENSOR APPARATUS (Jetalon)/EP	European Patent	2/15/2013
Entegris, Inc.	Improved barrier layers for pressure sensors/TW	Taiwan	6/6/2014
Entegris, Inc.	450 mm FOUP/MAC Center of Gravity Ballast/TW	Taiwan	6/18/2014
Entegris, Inc.	POST-CMP CLEANING APPARATUS AND METHOD	Korea, Republic of (KR)	9/26/2012
Entegris, Inc.	PLANARCORE PVA BRUSH MADE WITH ALTERNATE NODULE SHAPE	United States of America	9/26/2012
Entegris, Inc.	WAFER CONTAINER WITH LATCHING MECHANISM FOR LARGE DIAMETER WAFERS	United States of America	4/28/2014
Entegris, Inc.	ALON COATED QUARTZ SUBSTRATE/CN	China	8/9/2012
Entegris, Inc.	ALON COATED QUARTZ SUBSTRATE/KR	Korea, Republic of (KR)	8/9/2012
Entegris, Inc.	Wafer Carrier (MAC)/KR	Korea, Republic of (KR)	8/13/2012
Entegris, Inc.	Wafer Carrier (MAC)/EP	European Patent	8/13/2012
Entegris, Inc.	Modular Filtration Cassette (EZ Stack )/KR	Korea, Republic of (KR)	10/3/2012
Entegris, Inc.	Modular Filtration Cassette (EZ Stack )/EP	European Patent	10/3/2012
Entegris, Inc.	NANOTUBE AND FINELY MILLED CARBON FIBER POLYMER COMPOSITE COMPOSITIONS AND METHODS OF MAKING	United States of America	7/19/2012
Entegris, Inc.	Polymer blends containing finely milled carbon fiber/KR	Korea, Republic of (KR)	7/19/2012
Entegris, Inc.	SYSTEM AND METHOD FOR DETECTING AIR IN A FLUID	United States of America	8/17/2012
Entegris, Inc.	SYSTEM AND METHOD FOR DETECTING BUBBLES IN A FLUID/KR	Korea, Republic of (KR)	8/17/2012
Entegris, Inc.	SYSTEM AND METHOD FOR DETECTING BUBBLES IN A FLUID/EP	European Patent	8/17/2012
Entegris, Inc.	CMP PAD CONDITIONER (PLANARGEM) (Project No./KR	Korea, Republic of (KR)	3/6/2012
Entegris, Inc.	TRIPLE LAYER FILTER/US	United States of America	5/9/2012

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	TRIPLE LAYER FILTER/KR	Korea, Republic of (KR)	5/9/2012
Entegris, Inc.	TRIPLE LAYER FILTER/EP	European Patent	5/9/2012
Entegris, Inc.	Electrostatic Chuck with Photo-Patternable Soft Protrusion/TW	Taiwan	11/4/2013
Entegris, Inc.	METHOD AND APPARATUS FOR PREVENTING MICROPARTICLES AND DUST MIGRATION AND COATING (Snap Ring)/TW	Taiwan	9/9/2013
Entegris, Inc.	SENSING SYSTEM AND METHOD/EP	European Patent	5/17/2010
Entegris, Inc.	WAFER CONTAINER WITH TUBULAR ENVIRONMENTAL CONTROL COMPONENTS (Purge Tower and Getter)	Singapore	3/13/2009
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH WAFER CUSHION	Korea, Republic of (KR)	10/19/2011
Entegris, Inc.	High Efficiency and Permeability metal membrane from fiber and powder blends (Wafergard)/EP	European Patent	1/24/2012
Entegris, Inc.	CMP CONDITIONER PADS WITH SUPERABRASIVE GRIT ENHANCEMENT/TW	Taiwan	5/6/2013
Entegris, Inc., Varian Semiconductor Equipment	HIGH CONDUCTIVITY ELECTROSTATIC CHUCK (Varian and Entegris)/KR	Korea, Republic of (KR)	9/8/2011
Entegris, Inc.	A NEW METHOD OF PREVENTING TRAPPED BUBBLES BETWEEN PLEATED MEMBRANE DURING FILTERS STARTUP/KR	Korea, Republic of (KR)	10/20/2011
Entegris, Inc.	A NEW METHOD OF PREVENTING TRAPPED BUBBLES BETWEEN PLEATED MEMBRANE DURING FILTERS STARTUP/EP	European Patent	10/20/2011
Entegris, Inc.	POROUS SINTERED COMPOSITE MATERIAL	Japan	12/11/2003

Registered Owner	Title	Country	Date Filed
	(SUPERCRITICAL CO2 FILTER)/JP		
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)/JP	Japan	2/8/2013
Entegris, Inc.	Method and System for Optimizing Operation of a Pump (Advanced Filtration System (AFS) for IntelliGen Mini and HV)	European Patent	2/18/2011
Entegris, Inc.	Purifier for use in the process of manufacturing the lithium-ion secondary battery (408223)	European Patent	12/16/2010
Entegris, Inc.	Electrostatic Chuck	European Patent	5/13/2010
Entegris, Inc.	Electrostatic Chuck	Singapore	5/13/2010
Entegris, Inc.	A NEW METHOD OF PREVENTING TRAPPED BUBBLES BETWEEN PLEATED MEMBRANE DURING FILTERS STARTUP	Taiwan	10/19/2011
Entegris, Inc.	POROUS COMPOSITE MEMBRANE	European Patent	4/12/2010
Entegris, Inc.	POROUS COMPOSITE MEMBRANE	Korea, Republic of (KR)	4/12/2010
Entegris, Inc., Solvay Solexis	NON-DEWETTING POROUS MEMBRANES (Solvay)	European Patent	3/31/2010
Entegris, Inc.	Electrostatic chuck with protrusions that distribute chucking force	European Patent	5/15/2009
Entegris, Inc.	RETICLE POD WITH ISOLATION FRAME	Singapore	9/27/2006
Entegris, Inc.	SYSTEM AND METHOD FOR CONTROL OF FLUID PRESSURE (Intelligen Mini and HV)	European Patent	11/20/2006
Entegris, Inc.	ISOLATION SYSTEM FOR RETICLE POD (Extreme Ultraviolet (EUV))	Japan	2/27/2006
Entegris, Inc.	ISOLATION SYSTEM FOR RETICLE POD (Extreme Ultraviolet (EUV))	Korea, Republic of (KR)	2/27/2006
Entegris, Inc.	CARBON DIOXIDE PURIFICATION FOR THE	European Patent	10/16/2003

Registered Owner	Title	Country	Date Filed
	SEMICONDUCTOR INDUSTRY (GATEKEEPER AK for purifying CO2) (Proje/		
Entegris, Inc.	Lithographic Projection Apparatus, Gas Purging Method, Device Manufacturing Method and Purge Gas Supply System (ASML Case)	Taiwan	7/21/2004
Entegris, Inc.	System and Method for Operation of a Pump with Feed and Dispense Sensors, Filtration and Dispense Confirmation, and Reduced Pressure Priming of Fil	Patent Cooperation Treaty	5/28/2015
Entegris, Inc.	System and Method for Operation of a Pump with Feed and Dispense Sensors, Filtration and Dispense Confirmation, and Reduced Pressure Priming of File/T	Taiwan	5/28/2015
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	Singapore	7/1/2003
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	Singapore	2/26/2011
Entegris, Inc.	OPTO-ELECTRONIC INSPECTION QUALITY ASSURANCE SYSTEM FOR FLUID DISPENSING VALVES	Korea, Republic of (KR)	10/12/2013
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	United States of America	2/1/2017
Entegris, Inc.	SUBSTRATE CONTAINER	Taiwan	8/28/2015
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	Taiwan	2/3/2017
Entegris, Inc.	CONTROLLING MIXING CONCENTRATION (Jetalon)/EP	European Patent	11/15/2013
SAES Pure Gas, Inc	CARBON DIOXIDE COMPRESSION AND DELIVERY SYSTEM	China	2/1/2017

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	CONTROLLING MIXING CONCENTRATION (Jetalon)/CN	China	11/15/2013
Entegris, Inc.	CONTROLLING MIXING CONCENTRATION (Jetalon)/JP	Japan	11/15/2013
Entegris, Inc.	CONTROLLING MIXING CONCENTRATION (Jetalon)/KR	Korea, Republic of (KR)	11/15/2013
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR ULTRA HIGH PURITY (UHP) CARBON DIOXIDE PURIFICATION	Japan	3/5/2015
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR ULTRA HIGH PURITY (UHP) CARBON DIOXIDE PURIFICATION	Korea, Republic of (KR)	3/5/2015
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR ULTRA HIGH PURITY (UHP) CARBON DIOXIDE PURIFICATION	Italy	3/14/2014
Entegris, Inc.	COATINGS FOR ENHANCEMENT OF PROPERTIES AND PERFORMANCE OF SUBSTRATE ARTICLES AND APPARATUS	European Patent	2/13/2016
Entegris, Inc.	COATINGS FOR ENHANCEMENT OF PROPERTIES AND PERFORMANCE OF SUBSTRATE ARTICLES AND APPARATUS	United States of America	9/6/2018
Entegris, Inc.	SINGLE USE DISPENSE HEAD WITH KEY CODE	Korea, Republic of (KR)	11/27/2013
Entegris, Inc.	SINGLE USE DISPENSE HEAD WITH KEY CODE	Malaysia	11/27/2013
Entegris, Inc.	COMPOSITIONS AND METHODS FOR ETCHING SILICON NITRIDE-CONTAINING SUBSTRATES	United States of America	9/6/2018
Entegris, Inc.	POU EZ Stack (FLOWPLANE)/TW	Taiwan	10/8/2015

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	Ni SELECTIVE ETCHING COMPOSITION THAT IS COMPATIBLE WITH NiGe AND Ge	Taiwan	4/30/2015
Entegris, Inc.	ANTI-REFLECTIVE COATING CLEANING AND POST-ETCH RESIDUE REMOVAL COMPOSITION HAVING METAL, DIELECTRIC AND NITRIDE COMPATIBILITY	Taiwan	6/4/2015
Entegris, Inc.	Microporous membrane with grafted anion exchange groups (UPE Impact 8G)/TW	Taiwan	11/19/2015
Entegris, Inc.	COMPOSITIONS FOR CLEANING III-V SEMICONDUCTOR MATERIALS AND METHODS OF USING SAME	Korea, Republic of (KR)	12/4/2013
Entegris, Inc.	IN-SITU OXIDIZED NiO AS ELECTRODE SURFACE FOR HIGH k MIM DEVICE	United States of America	9/30/2013
Entegris, Inc.	METAL AND DIELECTRIC COMPATIBLE SACRIFICIAL ANTI-REFLECTIVE COATING CLEANING AND REMOVAL COMPOSITION	Singapore	6/7/2006
SAES Pure Gas, Inc	NITROUS OXIDE REGENERABLE ROOM TEMPERATURE PURIFIER AND METHOD	Italy	4/24/2012
Entegris, Inc.	ADSORBENT-BASED PRESSURE STABILIZATION OF PRESSURE-REGULATED FLUID STORAGE AND DISPENSING VESSELS	Taiwan	6/12/2015
SAES Pure Gas, Inc	METHOD AND SYSTEM FOR ANHYDROUS AMMONIA RECOVERY	Korea, Republic of (KR)	11/20/2013
Entegris, Inc.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	Japan	4/25/2006



Registered Owner	Title	Country	Date Filed
SAES Pure Gas, Inc	Methods and systems for anhydrous ammonia recovery	Japan	11/20/2013
Entegris, Inc.	AQUEOUS AND SEMI-AQUEOUS CLEANERS FOR THE REMOVAL OF POST-ETCH RESIDUES WITH TUNGSTEN AND COBALT COMPATIBILITY	Taiwan	6/29/2015
SAES Pure Gas, Inc	METHOD AND SYSTEM FOR ANHYDROUS AMMONIA RECOVERY	European Patent	11/20/2013
SAES Pure Gas, Inc	For the water recycling ammonia method and system for	China	11/20/2013
SAES Pure Gas, Inc	The gas purification system which has the one somatotype hydrogen adsorption and filtration assembly item	Japan	7/12/2000
SAES Pure Gas, Inc	SYSTEM AND METHOD FOR WELDING A PLURALITY OF SMALL DIAMETER PALLADIUM ALLOY TUBES TO A COMMON BASE PLATE IN A SPACE EFFICIENT MANNER	Korea, Republic of (KR)	4/14/2014
Entegris, Inc.	Entegris Ceramic Vacuum Bond Chuck with an Ultra-Flat ST embossment system/EP	European Patent	2/11/2014
Entegris, Inc.	Vacuum Chuck with Polymeric Embossments	United States of America	2/11/2014
Entegris, Inc.	Entegris Ceramic Vacuum Bond Chuck with an Ultra-Flat ST embossment system/JP	Japan	2/11/2014
Entegris, Inc.	Entegris Ceramic Vacuum Bond Chuck with an Ultra-Flat ST embossment system/KR	Korea, Republic of (KR)	2/11/2014
Entegris, Inc.	MOLDED FLUOROPOLYMER BREAKSEAL WITH COMPLIANT MATERIAL	Patent Cooperation Treaty	7/21/2015
Entegris, Inc.	MOLDED FLUOROPOLYMER BREAKSEAL WITH COMPLIANT MATERIAL	Taiwan	7/22/2015
Entegris, Inc.	Diaphragm Valve with Full Closure	Japan	N/A

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	Diaphragm Valve with Full Closure	United States of America	8/24/2018
Entegris, Inc., Varian Semiconductor Equipment	Diffusion Resistant Electrostatic Clamp/CN	United States of America	3/3/2017
Entegris, Inc.	WRENCH	International Design	6/30/2015
Entegris, Inc.	High Purity Gas Purifier	United States of America	8/31/2018
Entegris, Inc.	FLEXIBLE SUBSTRATE SHIPPER	United States of America	2/9/2017
Entegris, Inc.	FLEXIBLE SUBSTRATE SHIPPER	China	2/9/2017
Entegris, Inc.	Glass Substrate Shipper	United States of America	2/9/2017
Entegris, Inc.	Glass Substrate Shipper	China	N/A
Entegris, Inc.	MICROENVIRONMENT AND SHIPPER FOR GLASS SUBSTRATES	China	2/9/2017
Entegris, Inc.	MICROENVIRONMENT AND SHIPPER FOR GLASS SUBSTRATES	United States of America	2/9/2017
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	Singapore	6/5/2006
Entegris, Inc.	CUSHION RETAINER FOR SUBSTRATE CONTAINER	China	2/3/2017
Entegris, Inc.	LIQUID DISPENSING SYSTEMS ENCOMPASSING GAS REMOVAL	United States of America	7/30/2015
Entegris, Inc.	ALD PROCESSES FOR LOW LEAKAGE CURRENT AND LOW EQUIVALENT OXIDE THICKNESS BiTaO FILMS	United States of America	2/5/2014
Entegris, Inc.	ENRICHED SILICON PRECURSOR COMPOSITIONS AND APPARATUS AND PROCESSES FOR UTILIZING SAME	Korea, Republic of (KR)	5/21/2014
Entegris, Inc.	CUSHION RETAINER FOR SUBSTRATE CONTAINER	Korea, Republic of (KR)	N/A
Entegris, Inc.	CUSHION RETAINER FOR SUBSTRATE CONTAINER	United States of America	2/3/2017
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	United States of America	8/17/2015

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	Wafer Contact Surface Embossment Profile Optimization for Improved Particle Performance/US	United States of America	7/27/2018
Entegris, Inc.	Bucher Single Use Bag (Gen 2 Gamma Sterilizable Bag)/US	United Kingdom	1/27/2017
Entegris, Inc.	Bucher Single Use Bag (Gen 2 Gamma Sterilizable Bag)/US	European Patent	1/27/2017
Entegris, Inc.	Bucher Single Use Bag (Gen 2 Gamma Sterilizable Bag)/US	Korea, Republic of (KR)	N/A
Entegris, Inc.	1199/US	United States of America	2/23/2017
Entegris, Inc.	Bucher Single Use Bag (Gen 2 Gamma Sterilizable Bag)/US	Japan	N/A
Entegris, Inc.	Wafer Contact Surface Embossment Profile Optimization for Improved Particle Performance/US	European Patent	2/2/2017
Entegris, Inc.	ION IMPLANTATION COMPOSITIONS, SYSTEMS, AND METHODS	Korea, Republic of (KR)	3/3/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	European Patent	3/4/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	United States of America	3/4/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	China	3/4/2014
Entegris, Inc.	Wafer Contact Surface Embossment Profile Optimization for Improved Particle Performance/US	Korea, Republic of (KR)	2/2/2017
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Korea, Republic of (KR)	3/4/2014
Entegris, Inc.	METHOD FOR PREVENTING THE COLLAPSE OF HIGH	Singapore	8/26/2011

Registered Owner	Title	Country	Date Filed
	ASPECT RATIO STRUCTURES DURING DRYING		
Entegris, Inc.	ETCHING SOLUTION FOR COPPER OR COPPER ALLOY	Singapore	8/16/2011
Entegris, Inc.	Wafer Contact Surface Embossment Profile Optimization for Improved Particle Performance/US	Japan	N/A
Entegris, Inc.	Organic Solvent Purifier and Method fo Using (IPA PURIFIER GEN 2) (Protego Plus)/US	United States of America	8/12/2015
Entegris, Inc.	Wafer Contact Surface Embossment Profile Optimization for Improved Particle Performance/US	China	2/2/2017
Entegris, Inc.	Modular Tray Ampoule	United States of America	7/25/2018
Entegris, Inc.	THIN WAFER SHIPPER (ULTRAPAK) (100mm version)	United States of America	9/19/2016
Entegris, Inc.	HIGH TORQUE POLYMER FITTINGS	Taiwan	8/26/2015
Entegris, Inc.	Entegris Ceramic Vacuum Bond Chuck with an Ultra-Flat ST embossment system/EP	Taiwan	N/A
Entegris, Inc.	PHOSPHORUS OR ARSENIC ION IMPLANTATION UTILIZING ENHANCED SOURCE TECHNIQUES	Taiwan	9/1/2015
Entegris, Inc.	CONTAINER FOR HOLDING AND TRANSPORTING RETICLES AND A WINDOW LOCATED IN THE CONTAINER	Taiwan	7/20/2018
Entegris, Inc.	SILICONE CARBIDE FILTER MEMBRANE AND METHODS OF USE	United States of America	7/5/2018
Entegris, Inc.	SILICON CARBIDE FILTER MEMBRANE AND METHODS OF USE	Taiwan	7/6/2018
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	Germany (Federal Republic of)	6/5/2006

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	Ireland (Republic of)	6/5/2006
Entegris, Inc.	MICROPOROUS CARBON ADSORBENT FROM NATURAL CARBOHYDRATES	Taiwan	8/24/2015
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	Germany (Federal Republic of)	6/5/2006
Entegris, Inc., Tokyo Electron Ltd.	FLUID STORAGE AND DISPENSING SYSTEMS AND PROCESSES	Ireland (Republic of)	6/5/2006
Entegris, Inc.	Acid Removal Filter Using Functionalized Materials/US	Taiwan	6/20/2018
Entegris, Inc.	COBALT DEPOSITION SELECTIVITY ON COPPER AND DIELECTRICS	Taiwan	9/14/2015
Entegris, Inc.	USE OF NON-OXIDIZING STRONG ACIDS FOR THE REMOVAL OF ION- IMPLANTED RESIST	Singapore	12/19/2014
Entegris, Inc.	WAFER CONTAINER WITH LATCHING MECHANISM FOR LARGE DIAMETER WAFERS/CN	China	4/25/2014
Entegris, Inc.	WAFER CONTAINER WITH LATCHING MECHANISM FOR LARGE DIAMETER WAFERS/KR	Korea, Republic of (KR)	4/25/2014
Entegris, Inc.	WAFER CONTAINER WITH LATCHING MECHANISM FOR LARGE DIAMETER WAFERS/SG	Singapore	4/25/2014
Entegris, Inc., Solvay Solexis	NON-DEWETTING POROUS MEMBRANES (Solvay)/US	United States of America	1/29/2016
Entegris, Inc.	FLUID MONITORING APPARATUS	United States of America	9/15/2015
Entegris, Inc.	SCALABLE LEAD ZIRCONIUM TITANATE (PZT) THIN FILM MATERIAL AND DEPOSITION METHOD, AND FERROELECTRIC MEMORY	Japan	2/18/2000

Registered Owner	Title	Country	Date Filed
	DEVICE STRUCTURES COMPRISING SUCH THIN FILM		
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	Singapore	6/1/2005
Entegris, Inc.	THERMOCHROMIC INDICATOR FOR REAGENT GAS VESSEL	United States of America	6/7/2018
Entegris, Inc.	THERMOCHROMIC INDICATOR FOR REAGENT GAS VESSEL	Taiwan	6/12/2018
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULC CONNECTORS	China	10/22/2014
Entegris, Inc.	SURFACE COATING FOR CHAMBER COMPONENTS USED IN PLASMA SYSTEMS	Singapore	11/21/2014
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING P-DOPED POLYSILICON RELATIVE TO SILICON NITRIDE	European Patent	11/22/2016
Entegris, Inc.	Film With Improved Flex Crack Resistance	Patent Cooperation Treaty	12/1/2015
Entegris, Inc.	Film With Improved Flex Crack Resistance	Taiwan	12/3/2015
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING P-DOPED POLYSILICON RELATIVE TO SILICON NITRIDE	United States of America	5/21/2018
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING P-DOPED POLYSILICON RELATIVE TO SILICON NITRIDE	Japan	5/23/2018
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING P-DOPED POLYSILICON RELATIVE TO SILICON NITRIDE	Korea, Republic of (KR)	11/22/2016

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING P-DOPED POLYSILICON RELATIVE TO SILICON NITRIDE	China	11/22/2016
Entegris, Inc.	3D printed Features on membranes/US	Malaysia	11/16/2016
Entegris, Inc.	3D printed Features on membranes/US	United States of America	5/18/2018
Entegris, Inc.	3D printed Features on membranes/US	Singapore	5/17/2018
Entegris, Inc.	3D printed Features on membranes/US	Korea, Republic of (KR)	6/19/2018
Entegris, Inc.	PRESSURE-REGULATED GAS SUPPLY VESSEL	Taiwan	10/2/2015
Entegris, Inc.	3D printed Features on membranes/US	China	11/16/2016
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING METAL NITRIDES	Singapore	10/6/2011
Entegris, Inc.	Yttria properties improvement by post coat annealing/US	United States of America	9/30/2015
Entegris, Inc.	3D printed Features on membranes/US	European Patent	11/16/2016
Entegris, Inc.	Yttria properties improvement by post coat annealing/TW	Taiwan	9/30/2015
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	Japan	6/1/2005
Entegris, Inc.	NON-AMINE POST-CMP COMPOSITIONS AND METHOD OF USE	Taiwan	10/30/2015
Entegris, Inc.	COPPER CLEANING AND PROTECTION FORMULATIONS	Korea, Republic of (KR)	4/22/2014
Entegris, Inc.	3D printed Features on membranes/US	Japan	5/17/2018
Entegris, Inc.	FLUIDIZED GRANULAR ABSORBENT BED FILTER	United States of America	5/15/2018
Entegris, Inc.	AN ENCLOSURE ADAPTED FOR CONTAINING A FLUID SUPPLY VESSEL AND FLOW	China	1/11/2011

Registered Owner	Title	Country	Date Filed
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Entegris, Inc.	FLUIDIZED GRANULAR ABSORBENT BED FILTER	Taiwan	5/17/2018
Entegris, Inc.	OXIDIZING AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	Singapore	10/4/2006
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	China	5/16/2008
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	Singapore	2/26/2011
Entegris, Inc.	RECTANGULAR PARALLELEPIPED FLUID STORAGE AND DISPENSING VESSEL/SG	Singapore	11/25/2003
Entegris, Inc.	COMPOSITION AND PROCESS FOR SELECTIVELY ETCHING METAL NITRIDES	China	10/6/2011
Entegris, Inc.	SUBSTRATE CONTAINER WITH PARTICLE MITIGATION FEATURE	Taiwan	6/8/2018
Entegris, Inc.	POST CHEMICAL MECHANICAL POLISHING FORMULATIONS AND METHOD OF USE	United States of America	5/4/2018
Entegris, Inc.	ION IMPLANTER COMPRISING INTEGRATED VENTILATION SYSTEM	Taiwan	10/30/2015
Entegris, Inc.	ION IMPLANTATION PROCESSES AND APPARATUS	Patent Cooperation Treaty	10/27/2015
Entegris, Inc.	ION IMPLANTATION PROCESSES AND APPARATUS	Taiwan	10/27/2015
Entegris, Inc.	COBALT PRECURSORS	Taiwan	2/24/2015
Entegris, Inc.	ULTRA-HIGH PURITY STORAGE AND DISPENSING OF LIQUID REAGENTS	European Patent	8/7/2013



<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER, CONTAINER AND/OR LINER FOR REPLACING GLASS BOTTLES, AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS	Singapore	10/10/2011
Entegris, Inc.	ULTRA-HIGH PURITY STORAGE AND DISPENSING OF LIQUID REAGENTS	United States of America	8/7/2013
Entegris, Inc.	ULTRA-HIGH PURITY STORAGE AND DISPENSING OF LIQUID REAGENTS	Korea, Republic of (KR)	8/7/2013
Entegris, Inc.	ULTRA-HIGH PURITY STORAGE AND DISPENSING OF LIQUID REAGENTS	Japan	8/7/2013
Entegris, Inc.	COMPOSITIONS AND METHODS FOR REMOVING CERIA PARTICLES FROM A SURFACE	Korea, Republic of (KR)	5/15/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR REMOVING CERIA PARTICLES FROM A SURFACE	Singapore	5/15/2014
Entegris, Inc.	SUBSTRATE CONTAINER VALVE ASSEMBLIES	Taiwan	12/1/2015
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH WEIGHT BALLAST	United States of America	6/18/2014
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH WEIGHT BALLAST	China	6/18/2014
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH WEIGHT BALLAST	Japan	6/18/2014
Entegris, Inc.	FRONT OPENING WAFER CONTAINER WITH WEIGHT BALLAST	Korea, Republic of (KR)	6/18/2014
Entegris, Inc.	WAFER CONTAINER WITH SHOCK CONDITION PROTECTION/TW	Taiwan	12/18/2015

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	WAFER CONTAINER WITH EXTERNAL PASSIVE GETTER MODULE	Taiwan	5/12/2016
Entegris, Inc.	Improved barrier layers for pressure sensors/US	United States of America	6/4/2014
Entegris, Inc.	Improved barrier layers for pressure sensors/DE	Germany (Federal Republic of)	6/4/2014
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS AND METHODS OF MANUFACTURING THE SAME AND METHODS FOR LIMITING...	Singapore	7/9/2010
Entegris, Inc.	Improved barrier layers for pressure sensors/KR	Korea, Republic of (KR)	6/4/2014
Entegris, Inc.	NON-SELECTIVE OXIDE ETCH WET CLEAN COMPOSITION AND METHOD OF USE	Korea, Republic of (KR)	3/6/2009
Entegris, Inc.	PREPARATION OF HIGH PRESSURE BF3/H2 MIXTURES	European Patent	5/15/2014
Entegris, Inc.	MATERIAL STORAGE AND DISPENSING PACKAGES AND METHODS	United States of America	11/21/2014
Entegris, Inc.	PREPARATION OF HIGH PRESSURE BF3/H2 MIXTURES	China	5/15/2014
Entegris, Inc.	PREPARATION OF HIGH PRESSURE BF3/H2 MIXTURES	Japan	5/15/2014
Entegris, Inc.	PREPARATION OF HIGH PRESSURE BF3/H2 MIXTURES	Korea, Republic of (KR)	5/15/2014
Entegris, Inc.	NON-AMINE POST-CMP COMPOSITIONS AND METHOD OF USE	Taiwan	2/5/2015
Entegris, Inc.	POST CHEMICAL MECHANICAL POLISHING FORMULATIONS AND METHOD OF USE	Taiwan	1/29/2015

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	POST CHEMICAL MECHANICAL POLISHING FORMULATIONS AND METHOD OF USE	Taiwan	1/29/2015
Entegris, Inc.	Ni:NiGe:Ge SELECTIVE ETCH FORMULATIONS AND METHOD OF USING SAME	Taiwan	12/16/2014
Entegris, Inc.	FORMULATIONS TO SELECTIVELY ETCH SILICON AND GERMANIUM	Taiwan	12/31/2014
Entegris, Inc.	USE OF NON-OXIDIZING STRONG ACIDS FOR THE REMOVAL OF ION IMPLANTED RESIST	Taiwan	12/19/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Taiwan	8/29/2014
Entegris, Inc.	DIP TUBE ASSEMBLIES AND METHODS OF MANUFACTURING THE SAME	Taiwan	10/20/2014
Entegris, Inc.	/SG	Singapore	12/9/2011
Entegris, Inc.	ION IMPLANTER SYSTEM INCLUDING REMOTE DOPANT SOURCE, AND METHOD COMPRISING SAME	Singapore	11/26/2011
Entegris, Inc.	CHEMICAL MECHANICAL PLANARIZATION PAD CONDITIONER WITH ELONGATED CUTTING EDGES	United States of America	3/20/2015
Entegris, Inc.	CHEMICAL MECHANICAL PLANARIZATION PAD CONDITIONER WITH ELONGATED CUTTING EDGES	China	3/20/2015
Entegris, Inc.	CHEMICAL MECHANICAL PLANARIZATION PAD CONDITIONER WITH ELONGATED CUTTING EDGES	Japan	3/20/2015

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	CHEMICAL MECHANICAL PLANARIZATION PAD CONDITIONER WITH ELONGATED CUTTING EDGES/KR	Korea, Republic of (KR)	3/20/2015
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	European Patent	6/6/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	United States of America	6/6/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	China	6/6/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Japan	6/6/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Korea, Republic of (KR)	6/6/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Singapore	6/6/2014
Entegris, Inc.	AQUEOUS FORMULATIONS FOR REMOVING METAL HARD MASK AND POST-ETCH RESIDUE WITH Cu\W COMPATIBILITY	Taiwan	7/31/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Taiwan	6/6/2014
Entegris, Inc.	DOPANT PRECURSORS FOR MONO-LAYER DOPING	Taiwan	11/26/2014
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/KR	Korea, Republic of (KR)	6/30/2015

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	ION IMPLANTATION COMPOSITIONS, SYSTEMS, AND METHODS	Taiwan	3/5/2014
Entegris, Inc.	Grafted Polysulfone membranes (i2M#1247) (Guardian ECD 3nm)/TW	Taiwan	11/19/2015
Entegris, Inc.	WAFER SUPPORT RING	Korea, Republic of (KR)	1/12/2016
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Taiwan	3/4/2014
Entegris, Inc.	ALD PROCESSES FOR LOW LEAKAGE CURRENT AND LOW EQUIVALENT OXIDE THICKNESS BiTaO FILMS	Korea, Republic of (KR)	2/5/2014
Entegris, Inc.	ETCHING AGENT FOR COPPER OR COPPER ALLOY	Korea, Republic of (KR)	9/28/2012
Entegris, Inc.	GENERALLY CYLINDRICALLY-SHAPED LINER FOR USE IN PRESSURE DISPENSE SYSTEMS AND METHODS OF MANUFACTURING THE SAME	United States of America	12/4/2015
Entegris, Inc.	FLUID DELIVERY SYSTEM AND METHOD/SG	Singapore	2/22/2013
Entegris, Inc.	NESTED BLOW MOLDED LINER AND OVERPACK AND METHODS OF MAKING SAME	United States of America	4/27/2016
Entegris, Inc.	ANTI-SPIKE PRESSURE MANAGEMENT OF PRESSURE-REGULATED FLUID STORAGE AND DELIVERY VESSELS	Taiwan	9/23/2013
Entegris, Inc.	ISOTOPICALLY-ENRICHED BORON/CN	China	8/16/2011
Entegris, Inc.	AQUEOUS CLEAN SOLUTION WITH LOW COPPER ETCH RATE FOR ORGANIC RESIDUE REMOVAL IMPROVEMENT	China	5/17/2013

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	FORMULATIONS FOR WET ETCHING NiPt DURING SILICIDE	Korea, Republic of (KR)	5/10/2013
Entegris, Inc.	COMPOSITION AND PROCESS FOR STRIPPING PHOTORESIST FROM A SURFACE INCLUDING TITANIUM NITRIDE	Korea, Republic of (KR)	5/17/2013
Entegris, Inc.	COMPOSITIONS AND PROCESS FOR STRIPPING PHOTORESIST FROM A SURFACE INCLUDING TITANIUM NITRIDE	China	5/17/2013
Entegris, Inc.	PHASE CHANGE MEMORY STRUCTURE COMPRISING PHASE CHANGE ALLOY CENTER-FILLED WITH DIELECTRIC MATERIAL	Korea, Republic of (KR)	3/4/2013
Entegris, Inc.	PHASE CHANGE MEMORY STRUCTURE COMPRISING PHASE CHANGE ALLOY CENTER-FILLED WITH DIELECTRIC MATERIAL	Korea, Republic of (KR)	6/14/2012
Entegris, Inc.	MANUFACTURING METHOD FOR GENERALLY CYLINDRICAL THREE-DIMENSIONAL CONFORMAL LIN	United States of America	4/30/2013
Entegris, Inc.	/KR	Korea, Republic of (KR)	4/30/2013
Entegris, Inc.	/EP	European Patent	4/30/2013
Entegris, Inc.	APPARATUS AND METHODS FOR FILLING AND DISPENSING LIQUIDS	Japan	7/11/2014
Entegris, Inc.	APPARATUS AND METHOD FOR FILLING AND DISPENSING LIQUIDS	Korea, Republic of (KR)	7/11/2014
Entegris, Inc.	MANUFACTURING METHOD FOR GENERALLY CYLINDRICAL THREE-DIMENSIONAL CONFORMAL LINERS	China	4/30/2013

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	STORAGE AND STABILIZATION OF ACETYLENE/KR	Korea, Republic of (KR)	4/13/2013
Entegris, Inc.	COPPER CLEANING AND PROTECTION FORMULATIONS	Taiwan	4/22/2014
Entegris, Inc.	POST-CMP REMOVAL USING COMPOSITIONS AND METHOD OF USE	United States of America	2/15/2013
Entegris, Inc.	POST-CMP REMOVAL USING COMPOSITIONS AND METHOD OF USE	Korea, Republic of (KR)	2/15/2013
Entegris, Inc.	BOTTOM OPENING CONTAINER	Japan	2/29/2016
Entegris, Inc.	POST-CMP CLEANING BRUSH/TW	Taiwan	2/22/2011
Entegris, Inc.	NON-TMAH POST CMP CLEANER TO IMPROVE ORGANIC RESIDUE CLEANING AND COBALT BARRIER PROTECTION/TW	Taiwan	1/5/2016
Entegris, Inc.	MOLDED FLUOROPOLYMER BREAKSEAL WITH COMPLIANT MEMBER/CN	China	7/21/2015
Entegris, Inc.	MOLDED FLUOROPOLYMER BREAKSEAL WITH COMPLIANT MEMBER/JP	Japan	7/21/2015
Entegris, Inc.	MOLDED FLUOROPOLYMER BREAKSEAL WITH COMPLIANT MEMBER/KR	Korea, Republic of (KR)	7/21/2015
Entegris, Inc.	ALTERNATE MATERIALS AND MIXTURES TO MINIMIZE PHOSPHORUS BUILDUP IN IMPLANT APPLICATIONS	Korea, Republic of (KR)	2/14/2013
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	China	10/25/2010
Entegris, Inc.	REMOTE DELIVERY OF CHEMICAL REAGENTS	United States of America	7/21/2014
Entegris, Inc.	REMOTE DELIVERY OF CHEMICAL REAGENTS	China	7/21/2014
Entegris, Inc.	REMOTE DELIVERY OF CHEMICAL REAGENTS	Japan	7/21/2014

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	REMOTE DELIVERY OF CHEMICAL REAGENTS	Korea, Republic of (KR)	7/21/2014
Entegris, Inc.	Small Volume, Long Pathlength Multi-pass Gas Cell for IR and UV Monitoring/TW	Taiwan	1/19/2016
Entegris, Inc.	CARBON DOPANT GAS AND CO-FLOW FOR IMPLANT BEAM AND SOURCE LIFE PERFORMANCE IMPROVEMENT	Korea, Republic of (KR)	2/13/2013
Entegris, Inc.	POLYMER-BASED MULTILAYER GAS BARRIER FILM/KR	Korea, Republic of (KR)	2/15/2013
Entegris, Inc.	HORIZONTAL SUBSTRATE CONTAINER WITH INTEGRAL CORNER SPRING FOR SUBSTRATE CONTAINMENT	Taiwan	12/8/2015
Entegris, Inc.	TOWERS FOR SUBSTRATE CARRIERS	European Patent	10/14/2014
Entegris, Inc.	TOWERS FOR SUBSTRATE CARRIERS	United States of America	10/14/2014
Entegris, Inc.	TOWERS FOR SUBSTRATE CARRIERS	China	10/14/2014
Entegris, Inc.	/EP	European Patent	2/15/2013
Entegris, Inc.	TOWERS FOR SUBSTRATE CARRIERS	Korea, Republic of (KR)	10/14/2014
Entegris, Inc.	Thick ALD coatings for industrial applications/TW	Taiwan	2/15/2016
Entegris, Inc.	MODIFIED SPRING CUSHION FOR FILM FRAME SHIPPER	Taiwan	3/14/2016
Entegris, Inc.	MECHANICAL VENTING OF A RETICLE POD	Taiwan	3/18/2016
Entegris, Inc.	WAFER CARRIER WITH REPLACEABLE GETTERS/TW	Taiwan	3/11/2016
Entegris, Inc.	WAFER CONTAINER WITH CROSS-SLOTTING PROTECTION	Taiwan	3/25/2016
Entegris, Inc.	BOTTOM OPENING POD WITH MAGNETICALLY COUPLED CASSETTES	Taiwan	3/28/2016
Entegris, Inc.	AQUEOUS FORMULATIONS FOR REMOVING METAL	European Patent	7/31/2014



Registered Owner	Title	Country	Date Filed
	HARD MASK AND POST-ETCH RESIDUE WITH Cu/W COMPATIBILITY		
Poco Graphite, Inc.	AQUEOUS FORMULATIONS FOR REMOVING METAL HARD MASK AND POST-ETCH RESIDUE WITH CU/W COMPATIBILITY	United States of America	7/31/2014
Entegris, Inc.	AQUEOUS FORMULATIONS FOR REMOVING METAL HARD MASK AND POST-ETCH RESIDUE WITH Cu/W COMPATIBILITY	China	7/31/2014
Entegris, Inc.	AQUEOUS FORMULATIONS FOR REMOVING METAL HARD MASK AND POST-ETCH RESIDUE WITH CU/W COMPATIBILITY	Korea, Republic of (KR)	7/31/2014
Entegris, Inc.	AQUEOUS CERIUM-CONTAINING SOLUTION HAVING AN EXTENDED BATH LIFETIME FOR REMOVING MASK MATERIAL	Korea, Republic of (KR)	11/14/2012
Entegris, Inc.	SILICON IMPLANTATION IN SUBSTRATES AND PROVISION OF SILICON PRECURSOR COMPOSITIONS THEREFOR	United States of America	8/14/2014
Entegris, Inc.	SILICON IMPLANTATION IN SUBSTRATES AND PROVISION OF SILICON PRECURSOR COMPOSITIONS THEREFOR	China	8/14/2014
Entegris, Inc.	SILICON IMPLANTATION IN SUBSTRATES AND PROVISION OF SILICON PRECURSOR COMPOSITIONS THEREFOR	Japan	8/14/2014
Entegris, Inc.	SILICON IMPLANTATION IN SUBSTRATES AND PROVISION OF SILICON	Korea, Republic of (KR)	8/14/2014

Registered Owner	Title	Country	Date Filed
	PRECURSOR COMPOSITIONS THEREFOR		
Entegris, Inc.	LINER-BASED SHIPPING AND DISPENSING SYSTEMS	Korea, Republic of (KR)	12/20/2012
Entegris, Inc.	WAFER SHIPPER MICROENVIRONMENT WITH PURGE CAPABILITY	Korea, Republic of (KR)	4/8/2016
Entegris, Inc.	WAFER SHIPPER MICROENVIRONMENT WITH PURGE CAPABILITY	Japan	4/8/2016
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	European Patent	9/28/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	United States of America	9/28/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	China	9/28/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Korea, Republic of (KR)	9/28/2014
Entegris, Inc.	Analytical Method for the Measurement of Trace Level Acidic and Basic AMC using Liquid-Free Sample T/EP	European Patent	9/5/2014
Entegris, Inc.	B2F4 MANUFACTURING PROCESS	Korea, Republic of (KR)	10/9/2012
Entegris, Inc.	Analytical Method for the Measurement of Trace Level Acidic and Basic AMC using Liquid-Free Sample T/CN	China	9/5/2014
Entegris, Inc.	Analytical Method for the Measurement of Trace Level Acidic and Basic AMC using Liquid-Free Sample T/JP	Japan	9/5/2014
Entegris, Inc.	Analytical Method for the Measurement of Trace Level	Korea, Republic of (KR)	9/5/2014

Registered Owner	Title	Country	Date Filed
	Acidic and Basic AMC using Liquid-Free Sample T/KR		
Entegris, Inc.	Analytical Method for the Measurement of Trace Level Acidic and Basic AMC using Liquid-Free Sample T/SG	Singapore	9/5/2014
Entegris, Inc.	SMART PACKAGE/TW	Taiwan	2/15/2016
Entegris, Inc.	B2F4 MANUFACTURING PROCESS	Japan	10/9/2012
Entegris, Inc.	B2F4 MANUFACTURING PROCESS	European Patent	10/9/2012
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Singapore	12/27/2012
Entegris, Inc.	APPARATUS AND METHOD FOR PRESSURE DISPENSING OF HIGH VISCOSITY LIQUID-CONTAINING MATERIALS	Japan	9/17/2014
Entegris, Inc.	APPARATUS AND METHOD FOR PRESSURE DISPENSING OF HIGH VISCOSITY LIQUID-CONTAINING MATERIALS	Korea, Republic of (KR)	9/17/2014
Entegris, Inc.	DIAMOND LIKE COATINGS TO REDUCE PERMEATION/CN	China	6/14/2007
Entegris, Inc.	LIQUID DISPENSING SYSTEMS WITH GAS REMOVAL AND SENSING CAPABILITIES	Japan	1/5/2011
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Korea, Republic of (KR)	12/27/2012
Entegris, Inc.	HIGH-PURITY TUNGSTEN HEXACARBONYL FOR SOLID SOURCE DELIVERY	Taiwan	3/2/2016
Entegris, Inc.	WAFER CARRIER	United States of America	3/1/2016
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	European Patent	12/27/2012

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	SOURCE REAGENT-BASED DELIVERY OF FLUID WITH HIGH MATERIAL FLUX FOR BATCH DEPOSITION	United States of America	5/31/2013
Entegris, Inc.	SOURCE REAGENT-BASED DELIVERY OF FLUID WITH HIGH MATERIAL FLUX FOR BATCH DEPOSITION	Malaysia	5/31/2013
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULC CONNECTORS	European Patent	10/22/2014
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULIC CONNECTORS	United States of America	10/22/2014
Entegris, Inc.	SOURCE REAGENT-BASED DELIVERY OF FLUID WITH HIGH MATERIAL FLUX FOR BATCH DEPOSITION	Korea, Republic of (KR)	5/31/2013
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULIC CONNECTORS	Japan	10/22/2014
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULIC CONNECTORS	Korea, Republic of (KR)	10/22/2014
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULIC CONNECTORS	Singapore	10/22/2014
Entegris, Inc.	SOURCE REAGENT-BASED DELIVERY OF FLUID WITH HIGH MATERIAL FLUX FOR BATCH DEPOSITION	Japan	5/31/2013
Entegris, Inc.	SOURCE REAGENT-BASED DELIVERY OF FLUID WITH HIGH MATERIAL FLUX FOR BATCH DEPOSITION	European Patent	5/31/2013
Entegris, Inc.	SOURCE REAGENT-BASED DELIVERY OF FLUID WITH HIGH MATERIAL FLUX FOR BATCH DEPOSITION	China	5/31/2013
Entegris, Inc.	Liner-Based Shipping and Dispensing Containers for the Substantially Sterile Storage,	Taiwan	10/12/2012

Registered Owner	Title	Country	Date Filed
	Shipment, and Dispense of Materials		
Entegris, Inc.	Liner-Based Shipping and Dispensing Containers for the Substantially Sterile Storage, Shipment, and Dispense of Materials	United States of America	10/12/2012
Entegris, Inc.	Potting of Polar Membranes to Non-Polar Components Using Blended Potting Resins	Taiwan	7/5/2016
Entegris, Inc.	Dissolved Oxygen Sensor/EP	European Patent	10/31/2014
Entegris, Inc.	Dissolved Oxygen Sensor/CN	China	10/31/2014
Entegris, Inc.	Dissolved Oxygen Sensor/JP	Japan	10/31/2014
Entegris, Inc.	Dissolved Oxygen Sensor/KR	Korea, Republic of (KR)	10/31/2014
Entegris, Inc.	Disposable Liquid Chemical Sensor System (Jetalon)	European Patent	3/17/2015
Entegris, Inc.	Disposable Liquid Chemical Sensor System (Jetalon)/WO	United States of America	3/17/2015
Entegris, Inc.	A Disposable Sensor Application (Jetalon)/CN	China	3/17/2015
Entegris, Inc.	A Disposable Sensor Application (Jetalon)/JP	Japan	3/17/2015
Entegris, Inc.	System and Method for Detection and Signaling of Component End-of-Life in a Dissolved Oxygen Sensor (Jetalon)/EP	European Patent	3/19/2015
Entegris, Inc.	Liner-Based Shipping and Dispensing Containers for the Substantially Sterile Storage, Shipment, and Dispense of Materials	Korea, Republic of (KR)	10/12/2012
Entegris, Inc.	System and Method for Detection and Signaling of Component End-of-Life in a Dissolved Oxygen Sensor (Jetalon)/CN	China	3/19/2015
Entegris, Inc.	System and Method for Detection and Signaling of Component End-of-Life in a Dissolved Oxygen Sensor (Jetalon)/JP	Japan	3/19/2015
Entegris, Inc.	System and Method for Detection and Signaling of Component End-of-Life in a Dissolved Oxygen Sensor (Jetalon)/KR	Korea, Republic of (KR)	3/19/2015

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	METHOD FOR PREVENTING THE COLLAPSE OF HIGH ASPECT RATIO STRUCTURES DURING DRYING	Japan	8/26/2011
Entegris, Inc.	CYCLOPENTADIENYL TITANIUM ALKOXIDES WITH OZONE ACTIVATED LIGANDS FOR ALD OF TiO2	Taiwan	12/18/2014
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	Japan	6/8/2010
Entegris, Inc.	STORAGE, TRANSPORTATION, AND/OR DISPENSE PACKAGING	Taiwan	3/28/2012
Entegris, Inc.	DIP TUBE ASSEMBLIES AND METHODS OF MANUFACTURING THE SAME	United States of America	10/17/2014
Entegris, Inc.	DIP TUBE ASSEMBLIES AND METHODS OF MANUFACTURING THE SAME	China	10/17/2014
Entegris, Inc.	DIP TUBE ASSEMBLIES AND METHODS OF MANUFACTURING THE SAME	Japan	10/17/2014
Entegris, Inc.	DIP TUBE ASSEMBLIES AND METHODS OF MANUFACTURING THE SAME	Korea, Republic of (KR)	10/17/2014
Entegris, Inc.	OBLONG CONCAVE VALVE/TW	Taiwan	6/23/2016
Entegris, Inc.	B2F4 MANUFACTURING PROCESS	Singapore	10/9/2012
Entegris, Inc.	NESTED BLOW MOLDED LINER AND OVERPACK	Korea, Republic of (KR)	10/10/2011
Entegris, Inc.	NEW ANTIOXIDANTS FOR POST-CMP CLEANING FORMULATIONS	Japan	5/16/2008
Entegris, Inc.	SUBSTRATE CONTAINER WITH ENHANCED CONTAINMENT	Taiwan	7/13/2016
Entegris, Inc.	NESTED BLOW MOLDED LINER AND OVERPACK	Brazil	10/10/2011

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	WAFER SHIPPER WITH STACKED SUPPORT RINGS	United States of America	2/24/2015
Entegris, Inc.	WAFER SHIPPER WITH STACKED SUPPORT RINGS	China	2/24/2015
Entegris, Inc.	WAFER SHIPPER WITH STACKED SUPPORT RINGS	Japan	2/24/2015
Entegris, Inc.	WAFER SHIPPER WITH STACKED SUPPORT RINGS	Korea, Republic of (KR)	2/24/2015
Entegris, Inc.	WAFER SHIPPER WITH STACKED SUPPORT RINGS	Singapore	2/24/2015
Entegris, Inc.	INTERLOCKING MODULAR SUBSTRATE SUPPORT COLUMNS	Taiwan	8/25/2016
Entegris, Inc.	FRONT OPENING SUBSTRATE CONTAINER WITH COMPRESSION LATCHES	Taiwan	8/31/2016
Entegris, Inc.	Internal purge diffuser for FOUP with externally offset body/TW	Taiwan	9/5/2016
Entegris, Inc.	EFEM flow control fixture to improve FOUP purge performance/TW	Taiwan	6/14/2016
Entegris, Inc.	CLUSTER ION IMPLANTATION OF ARSENIC AND PHOSPHORUS	Korea, Republic of (KR)	3/22/2012
Entegris, Inc.	REFILLABLE AMPOULE WITH PURGE CAPABILITY	Korea, Republic of (KR)	5/24/2012
Entegris, Inc.	REFILLABLE AMPOULE WITH PURGE CAPABILITY	European Patent	5/24/2012
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/KR	Korea, Republic of (KR)	11/23/2015
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULIC CONNECTORS	Malaysia	5/9/2016
Entegris, Inc.	NON-AMINE POST-CMP COMPOSITION AND METHOD OF USE	China	10/21/2011
Entegris, Inc.	SURFACE COATING FOR CHAMBER COMPONENTS USED IN PLASMA SYSTEMS	European Patent	11/21/2014
Entegris, Inc.	SURFACE COATING FOR CHAMBER COMPONENTS USED IN PLASMA SYSTEMS	United States of America	11/21/2014

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	SURFACE COATING FOR CHAMBER COMPONENTS USED IN PLASMA SYSTEMS	China	11/21/2014
Entegris, Inc.	SURFACE COATING FOR CHAMBER COMPONENTS USED IN PLASMA SYSTEMS	Japan	11/21/2014
Entegris, Inc.	SURFACE COATING FOR CHAMBER COMPONENTS USED IN PLASMA SYSTEMS	Korea, Republic of (KR)	11/21/2014
Entegris, Inc.	SURFACE COATING FOR CHAMBER COMPONENTS USED IN PLASMA SYSTEMS	Singapore	11/21/2014
Entegris, Inc.	REFILLABLE AMPOULE WITH PURGE CAPABILITY	United States of America	4/21/2016
Entegris, Inc.	LINER-BASED SHIPPING AND DISPENSING SYSTEMS	China	12/20/2012
Entegris, Inc.	Microporous polyamide-imide membranes /US	United States of America	11/14/2014
Entegris, Inc.	Microporous polyamide-imide membranes /JP	Japan	11/14/2014
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	Singapore	12/4/2003
Entegris, Inc.	SILICON IMPLANTATION IN SUBSTRATES AND PROVISION OF SILICON PRECURSOR COMPOSITIONS THEREFOR	Taiwan	8/15/2014
Entegris, Inc.	VALVE ASSEMBLIES AND FLUID STORAGE AND DISPENSING PACKAGES COMPRISING SAME	Taiwan	5/12/2016
Entegris, Inc.	Electrostatic Chuck and Method of Making Same/EP	European Patent	2/6/2015
Entegris, Inc.	Electrostatic Chuck and Method of Making Same/US	United States of America	2/6/2015
Entegris, Inc.	Electrostatic Chuck and Method of Making Same	China	2/6/2015
Entegris, Inc.	Electrostatic Chuck and Method of Making Same/JP	Japan	2/6/2015
Entegris, Inc.	Electrostatic Chuck and Method of Making Same/KR	Korea, Republic of (KR)	2/6/2015



<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	ETCHING SOLUTION FOR COPPER OR COPPER ALLOY	United States of America	8/16/2011
Entegris, Inc.	GAS CABINETS/TW	Taiwan	5/17/2016
Entegris, Inc.	CLEANING AGENT FOR SEMICONDUCTOR PROVIDED WITH METAL WIRING	Singapore	1/28/2011
Entegris, Inc.	SOLID PRECURSOR-BASED DELIVERY OF FLUID UTILIZING CONTROLLED SOLIDS MORPHOLOGY	Korea, Republic of (KR)	8/31/2007
Entegris, Inc.	Latch Assist A200 SMIF POD Door/TW	Taiwan	9/29/2016
Entegris, Inc.	Cleaning Agent for Copper Interconnection for Semiconductor	Japan	3/26/2010
Entegris, Inc.	METHODS FOR THE SELECTIVE REMOVAL OF ASHED SPIN-ON GLASS	United States of America	3/12/2013
Entegris, Inc.	Coatings for Glass Shaping Molds and Molds Comprising the Same/TW	Taiwan	7/11/2016
Entegris, Inc.	SiC/graphite composite for LED and Ion Implant applications/TW	Taiwan	8/19/2016
Entegris, Inc.	METHODS FOR THE SELECTIVE REMOVAL OF ASHED SPIN-ON GLASS	Korea, Republic of (KR)	3/12/2013
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER, CONTAINER AND/OR LINER FOR REPLACING GLASS BOTTLES, AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS	China	10/10/2011
Entegris, Inc.	WAFER CARRIER HAVING A DOOR WITH A UNITARY BODY CONSTRUCTION	Taiwan	6/14/2016
Entegris, Inc.	FITMENT AND FITMENT ADAPTER FOR DISPENSING SYSTEMS AND METHODS FOR MANUFACTURING SAME	United States of America	11/24/2014

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	METHODS FOR THE SELECTIVE REMOVAL OF ASHED SPIN-ON GLASS	European Patent	3/12/2013
Entegris, Inc.	FITMENT AND FITMENT ADAPTER FOR DISPENSING SYSTEMS AND METHODS FOR MANUFACTURING SAME	Japan	11/24/2014
Entegris, Inc.	FITMENT AND FITMENT ADAPTER FOR DISPENSING SYSTEMS AND METHODS FOR MANUFACTURING SAME	Korea, Republic of (KR)	11/24/2014
Entegris, Inc.	High Purity Gas Purifier	United States of America	4/17/2015
Entegris, Inc.	METHODS FOR THE SELECTIVE REMOVAL OF ASHED SPIN-ON GLASS	China	3/12/2013
Entegris, Inc.	B2F4 MANUFACTURING PROCESS	China	10/9/2012
Entegris, Inc.	CYCLOPENTADIENYL TITANIUM ALKOXIDES WITH OZONE ACTIVATED LIGANDS FOR ALD OF TiO2	United States of America	12/20/2014
Entegris, Inc.	CYCLOPENTADIENYL TITANIUM ALKOXIDES WITH OZONE ACTIVATED LIGANDS FOR ALD OF TiO2	Japan	12/20/2014
Entegris, Inc.	CYCLOPENTADIENYL TITANIUM ALKOXIDES WITH OZONE ACTIVATED LIGANDS FOR ALD OF TiO2	Korea, Republic of (KR)	12/20/2014
Entegris, Inc., Varian Semiconductor Equipment	Diffusion Resistant Electrostatic Clamp/CN	China	1/15/2015
Entegris, Inc., Varian Semiconductor Equipment	Diffusion Resistant Electrostatic Clamp/JP	Japan	1/15/2015
Entegris, Inc., Varian Semiconductor Equipment	Diffusion Resistant Electrostatic Clamp/KR	Korea, Republic of (KR)	1/15/2015

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULIC CONNECTORS	United States of America	11/23/2015
Entegris, Inc.	ION IMPLANTATION SYSTEM AND METHOD	Singapore	10/25/2010
Entegris, Inc.	USE OF NON-OXIDIZING STRONG ACIDS FOR THE REMOVAL OF ION-IMPLANTED RESIST	European Patent	12/19/2014
Entegris, Inc.	USE OF NON-OXIDIZING STRONG ACIDS FOR THE REMOVAL OF ION-IMPLANTED RESIST	China	12/19/2014
Entegris, Inc.	USE OF NON-OXIDIZING STRONG ACIDS FOR THE REMOVAL OF ION-IMPLANTED RESIST	Japan	12/19/2014
Entegris, Inc.	USE OF NON-OXIDIZING STRONG ACIDS FOR THE REMOVAL OF ION-IMPLANTED RESIST	Korea, Republic of (KR)	12/19/2014
Entegris, Inc.	FORMULATIONS TO SELECTIVELY ETCH SILICON AND GERMANIUM	United States of America	12/29/2014
Entegris, Inc.	FORMULATIONS TO SELECTIVELY ETCH SILICON AND GERMANIUM	Korea, Republic of (KR)	12/29/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Singapore	12/27/2012
Entegris, Inc.	ION IMPLANTER SYSTEM INCLUDING REMOTE DOPANT SOURCE, AND METHOD COMPRISING SAME	Korea, Republic of (KR)	11/26/2011
Entegris, Inc.	Generally Cylindrically-Shaped Liner for Use in Pressure Dispense Systems	Korea, Republic of (KR)	12/9/2011
Entegris, Inc.	GENERALLY CYLINDRICALLY-SHAPED LINER FOR USE IN PRESSURE DISPENSE SYSTEMS AND METHODS OF	Japan	12/9/2011

Registered Owner	Title	Country	Date Filed
	MANUFACTURING THE SAME		
Entegris, Inc.	Generally Cylindrically-Shaped Liner for Use in Pressure Dispense Systems	China	12/9/2011
Entegris, Inc.	CONNECTORS FOR LINER-BASED DISPENSE CONTAINERS	Korea, Republic of (KR)	10/14/2011
Entegris, Inc.	CONNECTORS FOR LINER-BASED DISPENSE CONTAINERS	Japan	10/14/2011
Entegris, Inc.	FORMULATIONS TO SELECTIVELY ETCH SILICON GERMANIUM RELATIVE TO GERMANIUM	Taiwan	7/7/2016
Entegris, Inc.	AN APPARATUS FOR PREPARING COMPOUNDS OR INTERMEDIATES THEREOF FROM A SOLID MATERIAL AND METHODS OF USING THE SAME	European Patent	8/28/2011
Entegris, Inc.	FLUID SUPPLY PACKAGE	Taiwan	7/11/2016
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER, CONTAINER AND/OR LINER FOR REPLACING GLASS BOTTLES, AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS	Singapore	10/10/2011
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER, CONTAINER AND/OR LINER FOR REPLACING GLASS BOTTLES, AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS	Brazil	10/10/2011
Entegris, Inc.	LINER-BASED SHIPPING AND DISPENSING SYSTEMS	Singapore	12/20/2012
Entegris, Inc.	Ni:NiGe:Ge SELECTIVE ETCH FORMULATIONS AND METHOD OF USING SAME	United States of America	6/10/2016

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	LIQUID CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES	Korea, Republic of (KR)	12/21/2007
Entegris, Inc.	ENDPOINT DETERMINATION FOR CAPILLARY-ASSISTED FLOW CONTROL	European Patent	6/18/2011
Entegris, Inc.	ETCHING SOLUTION FOR COPPER OR COPPER ALLOY	China	8/16/2011
Entegris, Inc.	AN APPARATUS FOR PREPARING COMPOUNDS OR INTERMEDIATES THEREOF FROM A SOLID MATERIAL AND METHODS OF USING THE SAME	China	8/28/2011
Entegris, Inc.	MICROCRYSTALLINE CELLULOSE PYROLYZATE ADSORBENT AND GAS SUPPLY PACKAGES COMPRISING SAME	Taiwan	8/22/2016
Entegris, Inc.	Passivation of Ge surfaces	Taiwan	8/15/2016
Entegris, Inc.	NON-AMINE POST-CMP COMPOSITIONS AND METHOD OF USE	United States of America	2/3/2015
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	United States of America	7/26/2016
Entegris, Inc.	COBALT PRECURSORS	United States of America	2/19/2015
Entegris, Inc.	COBALT PRECURSORS	Korea, Republic of (KR)	2/19/2015
Entegris, Inc.	HALOALKYNYL DICOBALT HEXACARBONYL PRECURSORS FOR CHEMICAL VAPOR DEPOSITION OF COBALT	United States of America	11/23/2016
Entegris, Inc.	WINDOW RETENTION SPRING	Taiwan	4/6/2017
Entegris, Inc.	FORMULATIONS FOR THE REMOVAL OF PARTICLES GENERATED BY CERIUM-CONTAINING SOLUTIONS	United States of America	1/12/2012
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	European Patent	6/8/2010
Entegris, Inc.	POST CHEMICAL MECHANICAL POLISHING	European Patent	1/29/2015

Registered Owner	Title	Country	Date Filed
	FORMULATIONS AND METHOD OF USE		
Entegris, Inc.	NODULE RATIOS FOR TARGETED ENHANCED CLEANING PERFORMANCE	United States of America	2/20/2015
Entegris, Inc.	Nodule ratios for targeted enhanced cleaning performance	Japan	2/20/2015
Entegris, Inc.	METHODS FOR THE SELECTIVE REMOVAL OF ASHED SPIN-ON GLASS	Singapore	3/12/2013
Entegris, Inc.	SUBSTRATE CONTAINER WITH MAGNETIC LATCHING ASSISTANCE	Taiwan	9/30/2016
Entegris, Inc.	Wafer Carrier with Magnetic Latching Assist	Japan	10/13/2016
Entegris, Inc.	CMP PAD CONDITIONING ASSEMBLY	United States of America	9/15/2016
Entegris, Inc.	FORMULATIONS FOR THE REMOVAL OF PARTICLES GENERATED BY CERIUM-CONTAINING SOLUTIONS	Korea, Republic of (KR)	1/12/2012
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	European Patent	2/26/2011
Entegris, Inc.	System and Method for Detection and Signaling of Component End-of-Life in a Dissolved Oxygen Sensor (Jetalon)	Singapore	3/19/2015
Entegris, Inc.	SYSTEM AND METHOD FOR REMOVING AIRBORNE MOLECULAR CONTAMINANTS FROM GAS STREAMS	United States of America	3/19/2015
Entegris, Inc.	Method And Apparatus For Enhanced Lifetime And Performance Of Ion Source In An Ion Implantation System	Malaysia	2/26/2011
Entegris, Inc.	METHOD FOR FORMING PHASE CHANGE MEMORY	Taiwan	3/25/2011
Entegris, Inc.	Cold Sintering of Solid Precursors	Taiwan	10/6/2016

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	VENTILATION GAS MANAGEMENT SYSTEMS AND PROCESSES	Singapore	1/11/2011
Entegris, Inc.	COBALT CVD	Korea, Republic of (KR)	3/26/2015
Entegris, Inc.	Electrostatic chuck with protrusions that distribute chucking force	United States of America	10/17/2016
Entegris, Inc.	STORAGE AND STABILIZATION OF ACETYLENE	Singapore	4/13/2013
Entegris, Inc.	Wafer Carrier (MAC)	China	8/13/2012
Entegris, Inc.	AMINE CATALYSTS FOR LOW TEMPERATURE ALD/CVD SiO <sub>2</sub> DEPOSITION USING HEXACHLORODISILANE/H <sub>2</sub> O	United States of America	10/13/2016
Entegris, Inc.	VENTILATION GAS MANAGEMENT SYSTEMS AND PROCESSES	Korea, Republic of (KR)	1/11/2011
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER AND FLEXIBLE GUSSETED OR NON-GUSSETED LINERS AND METHODS OF MANUFACTURING THE SAME METHODS FOR LIMITED CHOKE-OFF	Korea, Republic of (KR)	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same and Methods for Limiting Chok	Japan	7/9/2010
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	Brazil	7/9/2010
Entegris, Inc.	METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL	United States of America	10/17/2016

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same Methods for Limited Choke-Off	Brazil	7/9/2010
Entegris, Inc.	Solid Precursor-Based Delivery of Fluid Utilizing Controlled Solids Morphology	United States of America	10/25/2016
Entegris, Inc.	CARBON MATERIALS FOR CARBON IMPLANTATION	United States of America	11/17/2016
Entegris, Inc.	Substantially Rigid Collapsible Liner and Flexible Gusseted or Non-Gusseted Liners and Methods of Manufacturing the Same and Methods for Limiting Chok	Brazil	7/9/2010
Entegris, Inc.	DOPED ZrO2 CAPACITOR MATERIALS AND STRUCTURES	United States of America	4/14/2010
Entegris, Inc.	SYSTEM AND METHOD FOR REMOVING AIRBORNE MOLECULAR CONTAMINANTS FROM GAS STREAMS	European Patent	3/19/2015
Entegris, Inc.	LOW TEMPERATURE GST PROCESS	Korea, Republic of (KR)	5/21/2010
Entegris, Inc.	MOLDED FLUOROPOLYMER BREAKSEAL WITH COMPLIANT MEMBER	European Patent	7/21/2015
Entegris, Inc.	ADSORBENTS AND FLUID SUPPLY PACKAGES AND APPARTUS COMPRISING SAME	Taiwan	11/4/2016
Entegris, Inc.	CMP CONDITIONER PADS WITH SUPERABRASIVE GRIT ENHANCEMENT	Singapore	5/6/2013
Entegris, Inc.	Substrate Cushion Brace Retainer	Patent Cooperation Treaty	2/3/2017
Entegris, Inc.	Substrate Cushion Brace Retainer	Taiwan	2/6/2017
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	Korea, Republic of (KR)	6/8/2010
Entegris, Inc.	METHOD AND COMPOSITION FOR	Japan	3/17/2010



Registered Owner	Title	Country	Date Filed
	DEPOSITING RUTHENIUM WITH ASSISTIVE METAL SPECIES		
Entegris, Inc.	NON-AMINE POST-CMP COMPOSITION AND METHOD OF USE	Korea, Republic of (KR)	10/21/2011
Entegris, Inc.	Anti-Backlash Mechanism for Motor-Driven Components in Precision Systems and Applications	European Patent	5/28/2015
Entegris, Inc.	ANTI-BACKLASH MECHANISM FOR MOTOR-DRIVEN COMPONENTS IN PRECISION SYSTEMS AND APPLICATIONS	United States of America	5/28/2015
Entegris, Inc.	Dispense Confirmation vacuum priming two pressure sensor flow sensor anti backlash/CN	China	5/28/2015
Entegris, Inc.	Dispense Confirmation vacuum priming two pressure sensor flow sensor anti backlash/JP	Japan	5/28/2015
Entegris, Inc.	Dispense Confirmation vacuum priming two pressure sensor flow sensor anti backlash/KR	Korea, Republic of (KR)	5/28/2015
Entegris, Inc.	Dispense Confirmation vacuum priming two pressure sensor flow sensor anti backlash	Singapore	5/28/2015
Entegris, Inc.	System and Method for Operation of a Pump with Feed and Dispense Sensors, Filtration and Dispense Confirmation, and Reduced Pressure Priming of Filter	European Patent	5/28/2015
Entegris, Inc.	PRESSURE TRANSDUCER/US	United States of America	5/28/2015
Entegris, Inc.	PRESSURE TRANSDUCER	China	5/28/2015
Entegris, Inc.	PRESSURE TRANSDUCER/JP	Japan	5/28/2015
Entegris, Inc.	PRESSURE TRANSDUCER/KR	Korea, Republic of (KR)	5/28/2015
Entegris, Inc.	Low Nitrogen Selective Si Etch	Taiwan	11/23/2016
Entegris, Inc.	ADSORBENT-BASED PRESSURE STABILIZATION OF PRESSURE-REGULATED FLUID STORAGE AND DISPENSING VESSELS	United States of America	6/11/2015

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	ADSORBENT-BASED PRESSURE STABILIZATION OF PRESSURE-REGULATED FLUID STORAGE AND DISPENSING VESSELS	China	6/11/2015
Entegris, Inc.	ADSORBENT-BASED PRESSURE STABILIZATION OF PRESSURE-REGULATED FLUID STORAGE AND DISPENSING VESSELS	Korea, Republic of (KR)	6/11/2015
Entegris, Inc.	Improving Ion Implant Plasma Flood Gun (PFG) performance by using trace insitu cleaning Gas in sputt	Taiwan	12/26/2016
Entegris, Inc.	ANTI-REFLECTIVE COATING CLEANING AND POST-ETCH RESIDUE REMOVAL COMPOSITION HAVING METAL, DIELECTRIC AND NITRIDE COMPATIBILITY	United States of America	6/2/2015
Entegris, Inc.	ANTI-REFLECTIVE COATING CLEANING AND POST-ETCH RESIDUE REMOVAL COMPOSITION HAVING METAL, DIELECTRIC AND NITRIDE COMPATIBILITY	China	6/2/2015
Entegris, Inc.	ANTI-REFLECTIVE COATING CLEANING AND POST-ETCH RESIDUE REMOVAL COMPOSITION HAVING METAL, DIELECTRIC AND NITRIDE COMPATIBILITY	Japan	6/2/2015
Entegris, Inc.	ANTI-REFLECTIVE COATING CLEANING AND POST-ETCH RESIDUE REMOVAL COMPOSITION HAVING METAL, DIELECTRIC AND NITRIDE COMPATIBILITY	Korea, Republic of (KR)	6/2/2015
Entegris, Inc.	In-situ Refillable Bulk Delivery of Solids for ALD/CVD Processes/US	United States of America	12/7/2017
Entegris, Inc.	Yttrium-Doped ALD Alumina Coating/US	United States of America	12/18/2017

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	COMPOSITIONS AND PROCESS FOR STRIPPING PHOTORESIST FROM A SURFACE INCLUDING TITANIUM NITRIDE/SG	Singapore	5/17/2013
Entegris, Inc.	FLEXIBLE SUBSTRATE SHIPPER/WO	Patent Cooperation Treaty	2/9/2017
Entegris, Inc.	FLEXIBLE SUBSTRATE SHIPPER	Taiwan	2/9/2017
Entegris, Inc.	Microenvironment for Flexible Substrates /WO	Patent Cooperation Treaty	2/9/2017
Entegris, Inc.	Microenvironment for Flexible Substrates	Taiwan	2/9/2017
Entegris, Inc.	Glass Substrate Shipper/WO	Patent Cooperation Treaty	2/9/2017
Entegris, Inc.	Glass Substrate Shipper/TW	Taiwan	2/9/2017
Entegris, Inc.	NOVEL COBALT PRECURSORS FOR LOW TEMPERATURE ALD OR CVD OF COBALT-BASED THIN FILMS/US	United States of America	1/5/2017
Entegris, Inc.	AQUEOUS AND SEMI-AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES WITH TUNGSTEN AND COBALT COMPATIBILITY	China	6/24/2015
Entegris, Inc.	AQUEOUS AND SEMI-AQUEOUS CLEANER FOR THE REMOVAL OF POST-ETCH RESIDUES WITH TUNGSTEN AND COBALT COMPATIBILITY	Korea, Republic of (KR)	6/24/2015
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)	Singapore	2/8/2013
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)	Korea, Republic of (KR)	2/8/2013
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)	Japan	2/8/2013

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)	European Patent	2/8/2013
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)	China	2/8/2013
Entegris, Inc.	Thick ALD coatings for industrial applications	Korea, Republic of (KR)	2/13/2016
Entegris, Inc.	MICROPOROUS CARBON ADSORBENT FROM NATURAL CARBOHYDRATES	European Patent	8/22/2015
Entegris, Inc.	MICROPOROUS CARBON ADSORBENT FROM NATURAL CARBOHYDRATES	China	8/22/2015
Entegris, Inc.	MICROPOROUS CARBON ADSORBENT FROM NATURAL CARBOHYDRATES	Japan	8/22/2015
Entegris, Inc.	MICROPOROUS CARBON ADSORBENT FROM NATURAL CARBOHYDRATES	Korea, Republic of (KR)	8/22/2015
Entegris, Inc.	MICROPOROUS CARBON ADSORBENT FROM NATURAL CARBOHYDRATES	Malaysia	8/22/2015
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	United States of America	1/17/2017
Entegris, Inc.	AQUEOUS AND SEMI-AQUEOUS CLEANERS FOR THE REMOVAL OF POST-ETCH RESIDUES WITH TUNGSTEN AND COBALT COMPATIBILITY	United States of America	6/24/2015
Entegris, Inc.	Bucher Single Use Bag	Patent Cooperation Treaty	1/27/2017
Entegris, Inc.	Wafer Contact Surface Embossment Profile Optimization for Improved Particle Performance	Patent Cooperation Treaty	2/2/2017

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	Wafer Contact Surface Embossment Profile Optimization for Improved Particle Performance	Taiwan	2/2/2017
Entegris, Inc.	P-814/US	United States of America	11/1/2011
Entegris, Inc.	SOLID PRECURSOR-BASED DELIVERY OF FLUID UTILIZING CONTROLLED SOLIDS MORPHOLOGY	Korea, Republic of (KR)	8/31/2007
Entegris, Inc.	ULTRA-HIGH PURITY STORAGE AND DISPENSING OF LIQUID REAGENTS	Singapore	8/7/2013
Entegris, Inc.	COBALT DEPOSITION SELECTIVITY ON COPPER AND DIELECTRICS	United States of America	9/3/2015
Entegris, Inc.	COBALT DEPOSITION SELECTIVITY ON COPPER AND DIELECTRICS	Korea, Republic of (KR)	9/3/2015
Entegris, Inc.	P-813/KR	Korea, Republic of (KR)	8/31/2007
Entegris, Inc.	PHOSPHORUS OR ARSENIC ION IMPLANTATION UTILIZING ENHANCED SOURCE TECHNIQUES	China	8/19/2015
Entegris, Inc.	PHOSPHORUS OR ARSENIC ION IMPLANTATION UTILIZING ENHANCED SOURCE TECHNIQUES	Korea, Republic of (KR)	8/19/2015
Entegris, Inc.	TEST FOR EVENTS/ACTIONS/SG	Singapore	2/16/2017
Entegris, Inc.	ALON COATED QUARTZ SUBSTRATE	Japan	8/9/2012
Entegris, Inc.	HIGH TORQUE POLYMER FITTINGS - Primelock	European Patent	8/26/2015
Entegris, Inc.	HIGH TORQUE POLYMER FITTINGS - Primelock	United States of America	8/26/2015
Entegris, Inc.	HIGH TORQUE POLYMER FITTINGS - Primelock	China	8/26/2015
Entegris, Inc.	HIGH TORQUE POLYMER FITTINGS - Primelock	Malaysia	8/26/2015
Entegris, Inc.	HIGH TORQUE POLYMER FITTINGS - Primelock	Singapore	8/26/2015
Entegris, Inc.	Substrate Carrier	United States of America	8/28/2015
Entegris, Inc.	Overmolded Substrate Carrier	China	8/28/2015

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	Overmolded Substrate Carrier	Japan	8/28/2015
Entegris, Inc.	Overmolded Substrate Carrier	Korea, Republic of (KR)	8/28/2015
Entegris, Inc.	Overmolded Substrate Carrier	Singapore	8/28/2015
Entegris, Inc.	HIGH TORQUE POLYMER FITTINGS - Primelock	Korea, Republic of (KR)	8/26/2015
Entegris, Inc.	HIGH TORQUE POLYMER FITTINGS - Primelock	Japan	8/26/2015
Entegris, Inc.	W pCMP Cleaner for FEOL and MOL	Taiwan	3/9/2017
Entegris, Inc.	W pCMP Cleaner for FEOL and MOL	Patent Cooperation Treaty	3/9/2017
Entegris, Inc.	HEAT TRANSFER TO AMPOULE TRAYS	United States of America	10/20/2017
Entegris, Inc.	Super Hydrophobic Polyethylene Membrane for use in venting and degassing and membrane distillation	Patent Cooperation Treaty	3/17/2017
Entegris, Inc.	Super Hydrophobic Polyethylene Membrane for use in venting and degassing and membrane distillation	Taiwan	3/17/2017
Entegris, Inc.	ION IMPLANTER COMPRISING INTEGRATED VENTILATION SYSTEM	United States of America	10/29/2015
Entegris, Inc.	ION IMPLANTER COMPRISING INTEGRATED VENTILATION SYSTEM	China	10/29/2015
Entegris, Inc.	ION IMPLANTER COMPRISING INTEGRATED VENTILATION SYSTEM	Korea, Republic of (KR)	10/29/2015
Entegris, Inc.	ULTRAHIGH PURITY DICOBALT HEXACARBONYL TERT-BUTYLACETYLENE, CORRESPONDING DERIVATIVES, AND METHODS FOR MAKING AND USING THE SAME	Singapore	9/20/2013
Entegris, Inc.	5% H2 enriched BF3 mixture	Patent Cooperation Treaty	3/27/2017
Entegris, Inc.	Diaphragm valve with total valve cavity evacuation	Patent Cooperation Treaty	3/31/2017
Entegris, Inc.	Diaphragm valve with total valve cavity evacuation	Taiwan	3/31/2017
Entegris, Inc.	Nozzle Filter	Patent Cooperation Treaty	3/30/2017

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	Nozzle Filter	Taiwan	3/31/2017
Entegris, Inc.	GAS FILTER	Patent Cooperation Treaty	4/3/2017
Entegris, Inc.	GAS FILTER	Taiwan	4/7/2017
Entegris, Inc.	PRESSURE-REGULATED GAS SUPPLY VESSEL	European Patent	10/1/2015
Entegris, Inc.	PRESSURE-REGULATED GAS SUPPLY VESSEL	United States of America	10/1/2015
Entegris, Inc.	PRESSURE-REGULATED GAS SUPPLY VESSEL	China	10/1/2015
Entegris, Inc.	00018 PRV	Japan	10/1/2015
Entegris, Inc.	00018 PRV	Korea, Republic of (KR)	10/1/2015
Entegris, Inc.	PRESSURE-REGULATED GAS SUPPLY VESSEL	Malaysia	10/1/2015
Entegris, Inc.	Window retention spring	Korea, Republic of (KR)	6/4/2017
Entegris, Inc.	Point of Use or Point of Dispense Filter with Multiple Pleat Packs (EZ Stack) (FLOWPLANE)	European Patent	9/24/2015
Entegris, Inc.	POU EZ Stack (FLOWPLANE)	United States of America	9/24/2015
Entegris, Inc.	POU EZ Stack (FLOWPLANE)	China	9/24/2015
Entegris, Inc.	Point of Use or Point of Dispense Filter with Multiple Pleat Packs (EZ Stack)	Japan	9/24/2015
Entegris, Inc.	POU EZ Stack (FLOWPLANE)	Korea, Republic of (KR)	9/24/2015
Entegris, Inc.	POU EZ Stack (FLOWPLANE)	Singapore	9/24/2015
Entegris, Inc.	Wafer Support Ring with Stacking Features	Malaysia	4/13/2017
Entegris, Inc., Tokyo Electron Ltd.	LINER-BASED LIQUID STORAGE AND DISPENSING SYSTEMS WITH EMPTY DETECTION CAPABILITY	Japan	4/25/2006
Entegris, Inc.	Tamper Proof Bolts for use in Sealing Vaporizers and Other Related Containers	Patent Cooperation Treaty	4/10/2017
Entegris, Inc.	Tamper Proof Bolts for use in Sealing Vaporizers and Other Related Containers	Taiwan	4/18/2017
Entegris, Inc.	PACKAGING FOR DIP TUBES	United States of America	5/22/2015
Entegris, Inc.	Packaging Bag and Tray for DIP Tube	China	5/22/2015
Entegris, Inc.	Packaging Bag and Tray for DIP Tube	Japan	5/22/2015
Entegris, Inc.	Packaging Bag and Tray for DIP Tube	Korea, Republic of (KR)	5/22/2015

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	WAFER SHIPPER WITH PURGE CAPABILITY	United States of America	4/6/2017
Entegris, Inc.	Window retention spring	United States of America	4/6/2017
Entegris, Inc.	Packaging Bag and Tray for DIP Tube	European Patent	5/22/2015
Entegris, Inc.	ION IMPLANTATION PROCESSES AND APPARATUS	United States of America	10/27/2015
Entegris, Inc.	ION IMPLANTATION PROCESSES AND APPARATUS	Korea, Republic of (KR)	10/27/2015
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	Taiwan	2/25/2011
Entegris, Inc.	AIRBORNE MOLECULAR CONTAMINATION FILTER CARTRIDGE SYSTEM WITH COMBUSTIBLE FILTER CARTRIDGE AND REUSABLE FRAME	Patent Cooperation Treaty	4/28/2017
Entegris, Inc.	AMC Green Filter Cartridge System	Taiwan	4/28/2017
Entegris, Inc.	WAFER CONTAINER WITH DOOR GUIDE AND SEAL/US	United States of America	5/4/2017
Entegris, Inc.	Brush cleaning additives for low pH cleaners	United States of America	12/4/2017
Entegris, Inc.	Fluorinated compositions for ion source performance improvements in nitrogen ion implant	Patent Cooperation Treaty	5/10/2017
Entegris, Inc.	Fluorinated compositions for ion source performance improvements in nitrogen ion implant	United States of America	5/12/2017
Entegris, Inc.	Fluorinated compositions for ion source performance improvements in nitrogen ion implant	Taiwan	5/12/2017
Entegris, Inc.	Microporous membrane with grafted anion exchange groups (UPE Impact 8G)	European Patent	11/19/2015



Registered Owner	Title	Country	Date Filed
Entegris, Inc.	Microporous membrane with grafted anion exchange groups (UPE Impact 8G)	United States of America	11/19/2015
Entegris, Inc.	Microporous membrane with grafted anion exchange groups (UPE Impact 8G)	China	11/19/2015
Entegris, Inc.	Microporous membrane with grafted anion exchange groups (UPE Impact 8G)	Japan	11/19/2015
Entegris, Inc.	Microporous membrane with grafted anion exchange groups (UPE Impact 8G)	Korea, Republic of (KR)	11/19/2015
Entegris, Inc.	Microporous membrane with grafted anion exchange groups (UPE Impact 8G)	Singapore	11/19/2015
Entegris, Inc.	EUV door latch mechanism	Patent Cooperation Treaty	5/26/2017
Entegris, Inc.	Cyclohexanone Solvent Purifier	Patent Cooperation Treaty	5/26/2017
Entegris, Inc.	Cyclohexanone Solvent Purifier	Taiwan	5/26/2017
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	Japan	2/26/2011
Entegris, Inc.	CONDUCTIVE FILTER DEVICE	Patent Cooperation Treaty	5/31/2017
Entegris, Inc.	grounded ESD systems	Taiwan	5/31/2017
Entegris, Inc.	FLUID CIRCUIT WITH INTEGRATED ELECTROSTATIC DISCHARGE MITIGATION	Patent Cooperation Treaty	5/31/2017
Entegris, Inc.	Complete ESD fluid handling system including conductive tubing, Fittings, valves, & filters made fr	Taiwan	5/31/2017
Entegris, Inc.	SUBSTRATE CONTAINER VALVE ASSEMBLIES	United States of America	12/1/2015
Entegris, Inc.	Wafer Carrier with plastic check valve - Umbrella Purge Valve	China	12/1/2015
Entegris, Inc.	SUBSTRATE CONTAINER VALVE ASSEMBLIES	Japan	12/1/2015
Entegris, Inc.	Wafer Carrier with plastic check valve - Umbrella Purge Valve	Korea, Republic of (KR)	12/1/2015

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	Vapor phase etching of HfO2 and ZrO2	Patent Cooperation Treaty	6/2/2017
Entegris, Inc.	Vapor phase etching of HfO2 and ZrO2	Taiwan	6/3/2017
Entegris, Inc.	Film with Improved Flex Crack Resistance	United States of America	12/1/2015
Entegris, Inc.	Film with Improved Flex Crack Resistance	China	12/1/2015
Entegris, Inc.	Film with Improved Flex Crack Resistance	Japan	12/1/2015
Entegris, Inc.	Film with Improved Flex Crack Resistance	Korea, Republic of (KR)	12/1/2015
Entegris, Inc.	Horizontal Wafer Shipper with Integral Corner Spring for Wafer Containment	European Patent	12/8/2015
Entegris, Inc.	Horizontal Wafer Shipper with Integral Corner Spring for Wafer Containment	United States of America	12/8/2015
Entegris, Inc.	Horizontal Wafer Shipper with Integral Corner Spring for Wafer Containment	China	12/8/2015
Entegris, Inc.	Horizontal Wafer Shipper with Integral Corner Spring for Wafer Containment	Japan	12/8/2015
Entegris, Inc.	Horizontal Wafer Shipper with Integral Corner Spring for Wafer Containment	Korea, Republic of (KR)	12/8/2015
Entegris, Inc.	Composition useful for removal of post-etch photoresist and bottom anti-reflection coatings	China	1/9/2006
Entegris, Inc.	NOVEL METHODS FOR CLEANING ION IMPLANTER COMPONENTS	Korea, Republic of (KR)	10/21/2005
Entegris, Inc.	WAFER CONTAINER WITH SHOCK CONDITION PROTECTION	European Patent	12/18/2015
Entegris, Inc.	WAFER CONTAINER WITH SHOCK CONDITION PROTECTION	United States of America	12/18/2015
Entegris, Inc.	WAFER CONTAINER WITH SHOCK CONDITION PROTECTION	China	12/18/2015

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	WAFER CONTAINER WITH SHOCK CONDITION PROTECTION	Japan	12/18/2015
Entegris, Inc.	WAFER CONTAINER WITH SHOCK CONDITION PROTECTION	Korea, Republic of (KR)	12/18/2015
Entegris, Inc.	CONNECTION VERIFICATION TOOL	United States of America	6/19/2017
Entegris, Inc.	PrimeLock fitting gauge to determine if fitting is properly tightened	Japan	6/22/2017
Entegris, Inc.	PrimeLock fitting gauge to determine if fitting is properly tightened	Korea, Republic of (KR)	6/22/2017
Entegris, Inc.	COMPOSITIONS FOR PROCESSING OF SEMICONDUCTOR SUBSTRATES	Japan	1/26/2006
Entegris, Inc.	Highly retentive polyamide hollow fiber membranes produced via controlled shrinkage	Patent Cooperation Treaty	6/26/2017
Entegris, Inc.	Highly retentive polyamide hollow fiber membranes produced via controlled shrinkage	Taiwan	6/27/2017
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)	United States of America	6/5/2017
Entegris, Inc.	CARBON ELECTRODE AND LITHIUM ION HYBRID CAPACITOR COMPRISING SAME	United States of America	6/12/2017
Entegris, Inc.	NON-TMAH POST CMP CLEANER TO IMPROVE ORGANIC RESIDUE CLEANING AND COBALT BARRIER PROTECTION	European Patent	1/5/2016
Entegris, Inc.	NON-TMAH POST CMP CLEANER TO IMPROVE ORGANIC RESIDUE CLEANING AND COBALT BARRIER PROTECTION	United States of America	1/5/2016
Entegris, Inc.	NON-TMAH POST CMP CLEANER TO IMPROVE	China	1/5/2016

Registered Owner	Title	Country	Date Filed
	ORGANIC RESIDUE CLEANING AND COBALT BARRIER PROTECTION		
Entegris, Inc.	NON-TMAH POST CMP CLEANER TO IMPROVE ORGANIC RESIDUE CLEANING AND COBALT BARRIER PROTECTION	Japan	1/5/2016
Entegris, Inc.	NON-TMAH POST CMP CLEANER TO IMPROVE ORGANIC RESIDUE CLEANING AND COBALT BARRIER PROTECTION	Korea, Republic of (KR)	1/5/2016
Entegris, Inc.	SOLID VAPORIZER	United States of America	3/28/2015
Entegris, Inc.	FLUID DELIVERY SYSTEM AND METHOD	United States of America	6/27/2017
Entegris, Inc.	SINTERED POROUS MATERIAL HAVING NODES AND FIBERS OF DIFFERENT MATERIALS, WITH DIFFERENT SINTERING POINTS, AND RELATED METHODS OF PREPARATION AND USE	United States of America	11/8/2017
Entegris, Inc.	REMOVABLE CLOSURE FOR A FLUID CONTAINER	United States of America	11/29/2017
Entegris, Inc.	CVD Mo deposition by using MoOC14	Patent Cooperation Treaty	7/13/2017
Entegris, Inc.	CVD Mo deposition by using MoOC14	Taiwan	7/14/2017
Entegris, Inc.	Small Volume, Long Pathlength Multi-pass Gas Cell for IR and UV Monitoring	United States of America	1/16/2016
Entegris, Inc.	Small Volume, Long Pathlength Multi-pass Gas Cell for IR and UV Monitoring	China	1/16/2016
Entegris, Inc.	Small Volume, Long Pathlength Multi-pass Gas Cell for IR and UV Monitoring	Japan	1/16/2016
Entegris, Inc.	Small Volume, Long Pathlength Multi-pass Gas Cell for IR and UV Monitoring	Korea, Republic of (KR)	1/16/2016

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	Operated Depth Media with Multiple Organic or/and Inorganic Materials	United States of America	7/18/2017
Entegris, Inc.	Operated Depth Media with Multiple Organic or/and Inorganic Materials	Taiwan	7/20/2017
Entegris, Inc.	SPACER FILM WITH INTEGRATED LAMINATION STRIP	Patent Cooperation Treaty	7/17/2017
Entegris, Inc.	SPACER FILM WITH INTEGRATED LAMINATION STRIP	Taiwan	7/18/2017
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	Singapore	12/4/2003
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	United States of America	7/31/2017
Entegris, Inc.	Increased Volume, Modular Design for Solid Delivery Ampoules and Handling	United States of America	12/14/2017
Entegris, Inc.	ALON COATED QUARTZ SUBSTRATE	United States of America	8/8/2017
Entegris, Inc.	FILTRATION ARTICLE WIHT FLUOROPOLYMER KNIT/JP	Japan	7/23/2013
Entegris, Inc.	FILTRATION ARTICLE WIHT FLUOROPOLYMER KNIT/KR	Korea, Republic of (KR)	7/23/2013
Entegris, Inc.	FILTRATION ARTICLE WIHT FLUOROPOLYMER KNIT/CN	China	7/23/2013
Entegris, Inc.	FILTRATION ARTICLE WIHT FLUOROPOLYMER KNIT	United States of America	7/22/2013
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Singapore	3/4/2014
Entegris, Inc.	FILTRATION ARTICLE WIHT FLUOROPOLYMER KNIT	Japan	7/23/2013
Entegris, Inc.	RETICLE POD HAVING SIDE CONTAINMENT OF RETICLE	Patent Cooperation Treaty	8/24/2017
Entegris, Inc.	EUV Pod with Side Containment	Taiwan	8/25/2017

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	FORMULATIONS FOR THE REMOVAL OF PARTICLES GENERATED BY CERIUM-CONTAINING SOLUTIONS	United States of America	8/4/2017
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	European Patent	2/26/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	China	2/26/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	China	2/26/2011
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	Korea, Republic of (KR)	2/26/2011
Entegris, Inc.	SMART PACKAGE	European Patent	2/12/2016
Entegris, Inc.	SMART PACKAGE	United States of America	2/12/2016
Entegris, Inc.	SMART PACKAGE	China	2/12/2016
Entegris, Inc.	SMART PACKAGE	Japan	2/12/2016
Entegris, Inc.	SMART PACKAGE	Korea, Republic of (KR)	2/12/2016
Entegris, Inc.	SMART PACKAGE	Singapore	2/12/2016
Entegris, Inc.	Thick ALD coatings for industrial applications	European Patent	2/13/2016
Entegris, Inc.	COATINGS FOR ENHANCEMENT OF PROPERTIES AND PERFORMANCE OF SUBSTRATE ARTICLES AND APPARATUS	United States of America	2/13/2016
Entegris, Inc.	COATINGS FOR ENHANCEMENT OF PROPERTIES AND PERFORMANCE OF	China	2/13/2016

Registered Owner	Title	Country	Date Filed
	SUBSTRATE ARTICLES AND APPARATUS		
Entegris, Inc.	Thick ALD coatings for industrial applications	Singapore	2/13/2016
Entegris, Inc.	Thick ALD coatings for industrial applications	Japan	2/13/2016
Entegris, Inc.	Alloys of Co to reduce Stress	Patent Cooperation Treaty	8/10/2017
Entegris, Inc.	Alloys of Co to reduce Stress	United States of America	8/10/2017
Entegris, Inc.	Alloys of Co to Reduce Stress	Taiwan	8/14/2017
Entegris, Inc.	ANTI-SPIKE PRESSURE MANAGEMENT OF PRESSURE-REGULATED FLUID STORAGE AND DELIVERY VESSELS	Japan	9/20/2013
Entegris, Inc.	BAG ASSEMBLY STERILIZABLE BY GAMMA IRRADIATION	United States of America	1/27/2017
Entegris, Inc.	SYSTEM AND METHOD FOR DETECTING BUBBLES IN A FLUID/TW	Taiwan	8/17/2012
Entegris, Inc.	CMP PAD CONDITIONING ASSEMBLY	Patent Cooperation Treaty	9/13/2017
Entegris, Inc.	CMP PAD CONDITIONING ASSEMBLY	Taiwan	9/15/2017
Entegris, Inc.	HIGH-PURITY TUNGSTEN HEXACARBONYL FOR SOLID SOURCE DELIVERY	United States of America	2/28/2016
Entegris, Inc.	HIGH-PURITY TUNGSTEN HEXACARBONYL FOR SOLID SOURCE DELIVERY	China	2/28/2016
Entegris, Inc.	HIGH-PURITY TUNGSTEN HEXACARBONYL FOR SOLID SOURCE DELIVERY	Japan	2/28/2016
Entegris, Inc.	Low Mo Tungsten hexa-carbonyl	Korea, Republic of (KR)	2/28/2016
Entegris, Inc.	Spring Cushion with Alignment Features for Film Frame Shipper	China	3/14/2016
Entegris, Inc.	MODIFIED SPRING CUSHION FOR FILM FRAME SHIPPER	Japan	3/14/2016
Entegris, Inc.	Yttria properties improvement by post coat annealing	European Patent	9/30/2015
Entegris, Inc.	Yttria properties improvement by post coat annealing	China	9/30/2015

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	Yttria properties improvement by post coat annealing	Japan	9/30/2015
Entegris, Inc.	Yttria properties improvement by post coat annealing	Singapore	9/30/2015
Entegris, Inc.	NOVEL COBALT PRECURSORS FOR LOW TEMPERATURE ALD OR CVD OF COBALT-BASED THIN FILMS	Taiwan	9/22/2017
Entegris, Inc.	FLUORINATED FILTER MEMBRANE, FILTERS, AND METHODS	United States of America	3/15/2018
Entegris, Inc.	GAS STORAGE AND DISPENSING SYSTEM WITH MONOLITHIC CARBON ADSORBENT	Japan	12/4/2003
Entegris, Inc.	cassette hold down accomplished via magnets (BIOBOP)	European Patent	3/27/2016
Entegris, Inc.	BOTTOM OPENING POD WITH MAGNETICALLY COUPLED CASSETTES	United States of America	3/27/2016
Entegris, Inc.	BOTTOM OPENING POD WITH MAGNETICALLY COUPLED CASSETTES	Japan	3/27/2016
Entegris, Inc.	VAPORIZER DELIVERY AMPOULE	Japan	7/1/2003
Entegris, Inc.	IMPROVING PLASMA FLOOD GUN PERFORMANCE	United States of America	12/15/2017
Entegris, Inc.	ADSORBED GAS PACKAGE WITH IMPROVED FILTER DESIGN	United States of America	3/6/2018
Entegris, Inc.	PFA/PTFE Liquid and Frozen Bag and Clamp	European Patent	4/8/2016
Entegris, Inc.	PFA/PTFE Liquid and Frozen Bag and Clamp	United States of America	4/8/2016
Entegris, Inc.	PFA/PTFE Liquid and Frozen Bag and Clamp	Canada	4/8/2016
Entegris, Inc.	PFA/PTFE Liquid and Frozen Bag and Clamp	Japan	4/8/2016
Entegris, Inc.	RETURNABLE AND REUSABLE, BAG-IN-DRUM FLUID STORAGE AND	Japan	4/28/2003



Registered Owner	Title	Country	Date Filed
	DISPENSING CONTAINER SYSTEM		
Entegris, Inc.	APPARATUS AND METHOD FOR PRESSURE DISPENSING OF HIGH VISCOSITY LIQUID-CONTAINING MATERIALS	United States of America	10/9/2017
Entegris, Inc.	SUBSTRATE CONTAINER WITH PURGE PORTS	Taiwan	11/20/2013
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Singapore	6/6/2014
Entegris, Inc.	AMINOIODOSILANES AND METHODS OF SYNTHESIZING THESE AMINOIODOSILANES	United States of America	1/12/2018
Entegris, Inc.	FLUID PROCESSING SYSTEMS AND METHODS	Korea, Republic of (KR)	6/8/2010
Entegris, Inc.	Improved Media for Higher Outlet Purity and Stability (I2M-371) (Gatekeeper) (HX2)	China	2/8/2013
Entegris, Inc.	Alloys of Co to reduce Stress	Korea, Republic of (KR)	8/10/2017
Entegris, Inc.	VALVE IMPROVEMENT	European Patent	5/11/2016
Entegris, Inc.	VALVE IMPROVEMENT	United States of America	5/11/2016
Entegris, Inc.	VALVE ASSEMBLIES AND FLUID STORAGE AND DISPENSING PACKAGES COMPRISING SAME	China	5/11/2016
Entegris, Inc.	VALVE ASSEMBLIES AND FLUID STORAGE AND DISPENSING PACKAGES COMPRISING SAME	Japan	5/11/2016
Entegris, Inc.	VALVE IMPROVEMENT	Korea, Republic of (KR)	5/11/2016
Entegris, Inc.	VALVE IMPROVEMENT	Singapore	5/11/2016
Entegris, Inc.	WAFER CONTAINER WITH EXTERNAL PASSIVE GETTER MODULE	Korea, Republic of (KR)	5/12/2016
Entegris, Inc.	Wafer carrier with replaceable getter accessory	United States of America	5/12/2016
Entegris, Inc.	GAS CABINETS	European Patent	5/16/2016
Entegris, Inc.	GAS CABINETS	United States of America	5/16/2016
Entegris, Inc.	GAS CABINETS	China	5/16/2016
Entegris, Inc.	GAS CABINETS	Japan	5/16/2016

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	GAS CABINETS	Korea, Republic of (KR)	5/16/2016
Entegris, Inc.	GAS CABINETS	Singapore	5/16/2016
Entegris, Inc.	Halogenated alkyne functionalized di-cobalt precursors for Co metal films	Patent Cooperation Treaty	11/20/2017
Entegris, Inc.	HALOALKYNYL DICOBALT HEXACARBONYL PRECURSORS FOR CHEMICAL VAPOR DEPOSITION OF COBALT	United States of America	11/21/2017
Entegris, Inc.	HALOALKYNYL DICOBALT HEXACARBONYL PRECURSORS FOR CHEMICAL VAPOR DEPOSITION OF COBALT	Taiwan	11/23/2017
Entegris, Inc.	IMPROVED CVD MO DEPOSITION WITH MOC15 USING B2H6 BASED NUC	Patent Cooperation Treaty	11/20/2017
Entegris, Inc.	LOW TEMPERATURE MOLYBDENUM FILM DEPOSITON UTILIZING BORON NUCLEATION LAYERS	Taiwan	11/23/2017
Entegris, Inc.	Cleaning Compositions for Removing Post Etch Residue	Patent Cooperation Treaty	11/21/2017
Entegris, Inc.	Cleaning Compositions for Removing Post Etch Residue	United States of America	11/22/2017
Entegris, Inc.	Cleaning Compositions for Removing Post Etch Residue	Taiwan	11/24/2017
Entegris, Inc.	LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE	Malaysia	6/11/2002
Entegris, Inc.	METHOD AND APPARATUS FOR ENHANCED LIFETIME AND PERFORMANCE OF ION SOURCE IN AN ION IMPLANTATION SYSTEM	Japan	2/26/2011
Entegris, Inc.	Improved 300mm FOUNDRY Door Retention	Patent Cooperation Treaty	12/13/2017
Entegris, Inc.	Improved 300mm FOUNDRY Door Retention	Taiwan	12/15/2017

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	Wafer Carrier Door with Minimized Oxygen Trapping Potential	United States of America	6/14/2016
Entegris, Inc.	Wafer Carrier Door with Minimized Oxygen Trapping Potential	China	6/14/2016
Entegris, Inc.	WAFER CARRIER HAVING A DOOR WITH A UNITARY BODY	Japan	6/14/2016
Entegris, Inc.	Wafer Carrier Door with Minimized Oxygen Trapping Potential	Korea, Republic of (KR)	6/14/2016
Entegris, Inc., Sinfonia Technology Co., LTD, Tokyo Electron Ltd.	Aseptic pods and load ports (BIOBOP)	European Patent	6/15/2016
Entegris, Inc., Sinfonia Technology Co., LTD, Tokyo Electron Ltd.	TPIR APPARATUS FOR MONITORING TUNGSTEN HEXAFLUORIDE PROCESSING TO DETECT GAS PHASE NUCLEATION, AND METHOD AND SYSTEM UTILIZING SAME	United States of America	6/15/2016
Entegris, Inc., Sinfonia Technology Co., LTD, Tokyo Electron Ltd.	ASEPTIC PODS AND LOAD PORTS	Japan	6/15/2016
Entegris, Inc.	EFEM flow control fixture to improve FOUP purge performance	European Patent	6/14/2016
Entegris, Inc.	EFEM flow control fixture to improve FOUP purge performance	United States of America	6/14/2016
Entegris, Inc.	FLOW MODIFICATION FIXTURE FOR AN EQUIPMENT FRONT END MODULE	Japan	6/14/2016
Entegris, Inc.	EFEM flow control fixture to improve FOUP purge performance	Korea, Republic of (KR)	6/14/2016
Entegris, Inc.	OBLONG CONCAVE VALVE	United States of America	6/22/2016

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	OBLONG CONCAVE VALVE	China	6/22/2016
Entegris, Inc.	OBLONG CONCAVE VALVE	Japan	6/22/2016
Entegris, Inc.	OBLONG CONCAVE VALVE	Korea, Republic of (KR)	6/22/2016
Entegris, Inc.	Grafted Polysulfone membranes (i2M#1247) (Guardian ECD 3nm)	European Patent	11/19/2015
Entegris, Inc.	GRAFTED POL YSULFONE MEMBRANES	United States of America	11/19/2015
Entegris, Inc.	Grafted Polysulfone membranes (i2M#1247) (Guardian ECD 3nm)	China	11/19/2015
Entegris, Inc.	Grafted Polysulfone membranes (i2M#1247) (Guardian ECD 3nm)	Japan	11/19/2015
Entegris, Inc.	Grafted Polysulfone membranes (i2M#1247) (Guardian ECD 3nm)	Korea, Republic of (KR)	11/19/2015
Entegris, Inc.	Grafted Polysulfone membranes (i2M#1247) (Guardian ECD 3nm)	Singapore	11/19/2015
Entegris, Inc.	FORMULATIONS TO SELECTIVELY ETCH SILICON GERMANIUM RELATIVE TO GERMANIUM	European Patent	7/7/2016
Entegris, Inc.	FORMULATIONS TO SELECTIVELY ETCH SILICON GERMANIUM RELATIVE TO GERMANIUM	United States of America	7/7/2016
Entegris, Inc.	FORMULATIONS TO SELECTIVELY ETCH SILICON GERMANIUM RELATIVE TO GERMANIUM	China	7/7/2016
Entegris, Inc.	FORMULATIONS TO SELECTIVELY ETCH SILICON GERMANIUM RELATIVE TO GERMANIUM	Japan	7/7/2016
Entegris, Inc.	FORMULATIONS TO SELECTIVELY ETCH SILICON GERMANIUM RELATIVE TO GERMANIUM	Korea, Republic of (KR)	7/7/2016
Entegris, Inc.	Formulations To Selectively Etch Silicon Germanium Relative To Germanium	Singapore	7/7/2016

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	New Package	United States of America	7/8/2016
Entegris, Inc.	FLUID SUPPLY PACKAGE	China	7/8/2016
Entegris, Inc.	New Package	Korea, Republic of (KR)	7/8/2016
Entegris, Inc.	Coatings for Glass Shaping Molds and Molds Comprising the Same	European Patent	7/8/2016
Entegris, Inc.	Coatings for Glass Shaping Molds and Molds Comprising the Same	United States of America	7/8/2016
Entegris, Inc.	Coatings for Glass Shaping Molds and Molds Comprising the Same	China	7/8/2016
Entegris, Inc.	Coatings for Glass Shaping Molds and Molds Comprising the Same	Japan	7/8/2016
Entegris, Inc.	Coatings for Glass Shaping Molds and Molds Comprising the Same	Korea, Republic of (KR)	7/8/2016
Entegris, Inc.	A Glass Shaping Mold Comprising Coating And Method Of Making The Same	Vietnam	7/8/2016
Entegris, Inc.	High Pressure Filter	European Patent	7/1/2016
Entegris, Inc.	High Pressure Filter	United States of America	7/1/2016
Entegris, Inc.	High Pressure Filter	China	7/1/2016
Entegris, Inc.	High Pressure Filter	Japan	7/1/2016
Entegris, Inc.	High Pressure Filter	Korea, Republic of (KR)	7/1/2016
Entegris, Inc.	Potting of polar hollow fibers such as Polyamides hollow fibers using non-polar potting materials	European Patent	6/30/2016
Entegris, Inc.	Potting of polar hollow fibers such as Polyamides hollow fibers using non-polar potting materials	United States of America	6/30/2016
Entegris, Inc.	Potting of polar hollow fibers such as Polyamides hollow fibers using non-polar potting materials	China	6/30/2016
Entegris, Inc.	Potting of polar hollow fibers such as Polyamides hollow fibers using non-polar potting materials	Japan	6/30/2016
Entegris, Inc.	Potting of polar hollow fibers such as Polyamides hollow fibers using non-polar potting materials	Korea, Republic of (KR)	6/30/2016

Registered Owner	Title	Country	Date Filed
Entegris, Inc.	Wafer Carrier Incorporating a Magnesium or Metal Alloy Injection Molded Material	United States of America	7/13/2016
Entegris, Inc.	Wafer Carrier Incorporating a Magnesium or Metal Alloy Injection Molded Material	China	7/13/2016
Entegris, Inc.	Wafer Carrier Incorporating a Magnesium or Metal Alloy Injection Molded Material	Japan	7/13/2016
Entegris, Inc.	SUBSTRATE CONTAINER WITH ENHANCED CONTAINMENT	Korea, Republic of (KR)	7/13/2016
Entegris, Inc.	ARTICLES COATED WITH A FLUORO-ANNEALED FILM	Patent Cooperation Treaty	1/15/2018
Entegris, Inc.	ARTICLES COATED WITH A FLUORO-ANNEALED FILM	United States of America	1/15/2018
Entegris, Inc.	ARTICLES COATED WITH FLUORINATED METAL OXIDE FILMS	Taiwan	1/16/2018
Entegris, Inc.	Co Post Etch Residue Removal for Advance Node BEOL	Patent Cooperation Treaty	1/17/2018
Entegris, Inc.	Co Post Etch Residue Removal for Advance Node BEOL	United States of America	1/17/2018
Entegris, Inc.	Co Post Etch Residue Removal for Advance Node BEOL	Taiwan	1/17/2018
Entegris, Inc.	20160022	Patent Cooperation Treaty	1/17/2018
Entegris, Inc.	COMPOSITIONS AND METHODS FOR REMOVING CERIA PARTICLES FROM A SURFACE	United States of America	1/18/2018
Entegris, Inc.	20160022	Taiwan	1/18/2018
Entegris, Inc.	MICROCRYSTALLINE CELLULOSE PYROLYZATE ADSORBENT AND GAS SUPPLY PACKAGES COMPRISING SAME	European Patent	8/19/2016
Entegris, Inc.	MICROCRYSTALLINE CELLULOSE PYROLYZATE ADSORBENT AND GAS SUPPLY PACKAGES COMPRISING SAME	United States of America	8/19/2016
Entegris, Inc.	MICROCRYSTALLINE CELLULOSE PYROLYZATE	China	8/19/2016

Registered Owner	Title	Country	Date Filed
	ADSORBENT AND GAS SUPPLY PACKAGES COMPRISING SAME		
Entegris, Inc.	MICROCRYSTALLINE CELLULOSE PYROLYZATE ADSORBENT AND GAS SUPPLY PACKAGES COMPRISING SAME	Japan	8/19/2016
Entegris, Inc.	MICROCRYSTALLINE CELLULOSE PYROLYZATE ADSORBENT AND GAS SUPPLY PACKAGES COMPRISING SAME	Korea, Republic of (KR)	8/19/2016
Entegris, Inc.	MICROCRYSTALLINE CELLULOSE PYROLYZATE ADSORBENT AND GAS SUPPLY PACKAGES COMPRISING SAME	Singapore	8/19/2016
Entegris, Inc.	SILICON IMPLANTATION IN SUBSTRATES AND PROVISION OF SILICON PRECURSOR COMPOSITIONS THEREFOR	Singapore	8/14/2014
Entegris, Inc.	COMPOSITIONS AND METHODS FOR SELECTIVELY ETCHING TITANIUM NITRIDE	Singapore	8/28/2014
Entegris, Inc.	Wafer support column with interlocking features	China	8/24/2016
Entegris, Inc.	Wafer support column with interlocking features	Japan	8/24/2016
Entegris, Inc.	Wafer support column with interlocking features	Korea, Republic of (KR)	8/24/2016
Entegris, Inc.	Wafer support column with interlocking features	United States of America	8/24/2016
Entegris, Inc.	APPARATUS AND METHOD FOR PRESSURE DISPENSING OF HIGH VISCOSITY LIQUID-CONTAINING MATERIALS	China	9/17/2014
Entegris, Inc.	TPIR APPARATUS FOR MONITORING TUNGSTEN HEXAFLUORIDE PROCESSING TO DETECT	United States of America	2/9/2018

Registered Owner	Title	Country	Date Filed
	GAS PHASE NUCLEATION, AND METHOD AND SYSTEM UTILIZING SAME		
Entegris, Inc.	Passivation of Ge surfaces	European Patent	8/12/2016
Entegris, Inc.	Passivation of Ge surfaces	China	8/12/2016
Entegris, Inc.	Passivation of Ge surfaces	Japan	8/12/2016
Entegris, Inc.	Passivation of Ge surfaces	Korea, Republic of (KR)	8/12/2016
Entegris, Inc.	Passivation of Ge surfaces	United States of America	8/12/2016
Entegris, Inc.	LIQUID DISPENSING SYSTEMS WITH GAS REMOVAL AND SENSING CAPABILITIES	United States of America	2/15/2018
Entegris, Inc.	SiC/graphite composite for LED and Ion Implant applications	European Patent	8/18/2016
Entegris, Inc.	SiC/graphite composite for LED and Ion Implant applications	China	8/18/2016
Entegris, Inc.	SiC/graphite composite for LED and Ion Implant applications	Japan	8/18/2016
Entegris, Inc.	SiC/graphite composite for LED and Ion Implant applications	Korea, Republic of (KR)	8/18/2016
Entegris, Inc.	SiC/graphite composite for LED and Ion Implant applications	United States of America	8/18/2016
Entegris, Inc.	B2F4 MANUFACTURING PROCESS	United States of America	2/20/2018
Entegris, Inc.	Internal purge diffuser for FOUP with externally offset body	China	9/2/2016
Entegris, Inc.	Internal purge diffuser for FOUP with externally offset body	Japan	9/2/2016
Entegris, Inc.	Internal purge diffuser for FOUP with externally offset body	Korea, Republic of (KR)	9/2/2016
Entegris, Inc.	Internal purge diffuser for FOUP with externally offset body	United States of America	9/2/2016
Entegris, Inc.	ANTI-SPIKE PRESSURE MANAGEMENT OF PRESSURE-REGULATED FLUID STORAGE AND DELIVERY VESSELS	United States of America	2/20/2018
Entegris, Inc.	SUBSTANTIALLY RIGID COLLAPSIBLE LINER, CONTAINER AND/OR LINER FOR REPLACING GLASS BOTTLES, AND FLEXIBLE	China	10/10/2011



Registered Owner	Title	Country	Date Filed
	GUSSETED OR NON-GUSSETED LINERS		
Entegris, Inc.	AUTOMATABLE CLOSURE	United States of America	9/13/2018
Entegris, Inc.	ALON COATED QUARTZ SUBSTRATE	China	8/9/2012
Entegris, Inc.	Pressure control within a porous media geometry to control purge gas in a microenvironment.	Singapore	10/14/2014
Entegris, Inc.	Bench-Top Refractive Index Sensor	European Patent	10/24/2016
Entegris, Inc.	INDEX OF REFRACTION SENSOR SYSTEM WITH DUAL MODE TEMPERATURE CONTROL	United States of America	10/24/2016
Entegris, Inc.	PRESSUE REGULATOR AND FLUID SUPPLY PACKAGE	China	9/20/2013
Entegris, Inc.	PACKAGED GAS MIXTURE FOR USE IN ION IMPLANTATION	Korea, Republic of (KR)	2/26/2011
Entegris, Inc.	SUBSTRATE CONTAINER WITH IMPROVED SUBSTRATE RETAINER AND DOOR LATCH ASSIST MECHANISM	China	9/12/2016
Entegris, Inc.	Latch Assist A200 SMIF POD Door	Japan	9/12/2016
Entegris, Inc.	Latch Assist A200 SMIF POD Door	United States of America	9/12/2016
Entegris, Inc.	Latch Assist A200 SMIF POD Door	Malaysia	9/12/2016
Entegris, Inc.	Cold Sintering of Solid Precursors	China	10/6/2016
Entegris, Inc.	Cold Sintering of Solid Precursors	Japan	10/6/2016
Entegris, Inc.	Cold Sintering of Solid Precursors	Korea, Republic of (KR)	10/6/2016
Entegris, Inc.	Cold Sintering of Solid Precursors	United States of America	10/6/2016
Entegris, Inc.	CARBON DOPANT GAS AND CO-FLOW FOR IMPLANT BEAM AND SOURCE LIFE PERFORMANCE IMPROVEMENT	United States of America	3/22/2018

<b>Registered Owner</b>	<b>Title</b>	<b>Country</b>	<b>Date Filed</b>
Entegris, Inc.	SiGe Etch with Selectivity to Si	Patent Cooperation Treaty	4/11/2018
SAES Pure Gas, Inc	GAS PURIFICATION SYSTEM WITH AN INTEGRATED HYDROGEN SORPTION AND FILTER ASSEMBLY	Taiwan	10/11/2000
SAES Pure Gas, Inc	NITROUS OXIDE REGENERABLE ROOM TEMPERATURE PURIFIER AND METHOD	Netherlands	4/23/2013
Entegris, Inc.	WRENCH	International Design	6/30/2015
Entegris, Inc.	DUAL ENDED TORQUE WRENCH - PRIMELOCK/KR	Korea, Republic of (KR)	6/30/2015
Entegris, Inc.	WAFER SUPPORT RING	Korea, Republic of (KR)	1/12/2016
Entegris, Inc.	BOTTOM OPENING CONTAINER	Japan	2/29/2016
Entegris, Inc.	BREAKSEAL FOR A LIQUID DISPENSING SYSTEM	United States of America	7/26/2016
Entegris, Inc.	Wafer Support Ring with Stacking Features	Malaysia	4/13/2017
Entegris, Inc.	Bucher Single Use Bag (Gen 2 Gamma Sterilizable Bag)/US	Korea, Republic of (KR)	N/A
Entegris, Inc.	Bucher Single Use Bag (Gen 2 Gamma Sterilizable Bag)/US	Japan	N/A
Entegris, Inc.	WAFER SHIPPER MICROENVIRONMENT WITH PURGE CAPABILITY	Korea, Republic of (KR)	4/8/2016
Entegris, Inc.	WAFER SHIPPER MICROENVIRONMENT WITH PURGE CAPABILITY	Japan	4/8/2016
Entegris, Inc.	Modified PrimeLock with zip tie adjustment/KR	Korea, Republic of (KR)	11/23/2015
Entegris, Inc.	ANTI-ROTATION DEVICE FOR HYDRAULIC CONNECTORS	Malaysia	5/9/2016
Entegris, Inc.	PrimeLock fitting gauge to determine if fitting is properly tightened	Japan	6/22/2017
Entegris, Inc.	PrimeLock fitting gauge to determine if fitting is properly tightened	Korea, Republic of (KR)	6/22/2017

[[3878305]]

**TRADEMARK**  
**REEL: 006536 FRAME: 0819**

SCHEDULE II

TRADEMARK/TRADE NAMES OWNED

**Trademarks**

Registered Owner	Mark	Registration Number	Registration Date
Entegris, Inc.	288-connect (Jetalon) 201300063	3293752	9/18/2007
Entegris, Inc.	ACCU-TEK 200600231	2916452	1/4/2005
Entegris, Inc.	ACCUFLO 200700003	39722699	11/4/1997
Entegris, Inc.	ACCUFLO 200700003	4227912	1/8/1999
Entegris, Inc.	ACCUFLO 200700003	40-041895	8/28/1998
Entegris, Inc.	ACCUFLO 200700003	UK00002133193	2/20/1998
Entegris, Inc.	AUTOPOD 200600235	2487936	9/11/2001
Entegris, Inc.	AUTOPOD 200600235	98740645	7/7/1999
Entegris, Inc.	AUTOPOD 200600235	39836604	3/1/1999
Entegris, Inc.	AUTOPOD 200600235	455149	9/20/1999
Entegris, Inc.	AUTOPOD 200600235	816886	6/6/2000
Entegris, Inc.	AUTOPOD 200600235	639272	6/30/1998
Entegris, Inc.	AUTOPOD 200600235	2170865	12/29/1998
Entegris, Inc.	AUTOPOD 200600235	4298611	7/23/1999
Entegris, Inc.	AUTOPOD 200600235	T9806640I	1/9/1998
Entegris, Inc.	BRIGHTPAK 201100588 (BRIGHTPAK)	1087250	7/19/2011
Entegris, Inc.	BRIGHTPAK 201100588 (BRIGHTPAK)	2015055487	4/1/2016

Registered Owner	Mark	Registration Number	Registration Date
Entegris, Inc.	BRIGHTPAK 201100588 (BRIGHTPAK)	16820914	1/7/2017
Entegris, Inc.	BRIGHTPAK 201100588 (BRIGHTPAK)	1087250	7/19/2011
Entegris, Inc.	BRIGHTPAK 201100588 (BRIGHTPAK)	1087250	7/19/2011
Entegris, Inc.	BRIGHTPAK 201100588 (BRIGHTPAK)	1087250	7/19/2011
Entegris, Inc.	BRIGHTPAK 201100588 (BRIGHTPAK)	1087250	7/19/2011
Entegris, Inc.	BRIGHTPAK 201100588 (BRIGHTPAK)	1522367	6/16/2012
Entegris, Inc.	BRIGHTPAK 201100588 (BRIGHTPAK)	4136601	5/1/2012
Entegris, Inc.	CAPSIL 200600267	4384287	5/19/2000
Entegris, Inc.	CASCADE 200600233	13096227	2/18/2015
Entegris, Inc.	CHIPSENTRY 200600249	3992330	4/28/2006
Entegris, Inc.	CHIPSENTRY 200600249	1547124	7/11/1989
Entegris, Inc.	CLARILITE (Platform) 200700040	5296790	1/22/2010
Entegris, Inc.	CLARILITE (Platform) 200700040	6102669	7/16/2007
Entegris, Inc.	CLARILITE (Platform) 200700040	3581065	2/24/2009
Entegris, Inc.	CLARILITE (Platform) 200700040	45-25765	12/17/2008
Entegris, Inc.	CLARILITE (Platform) 200700040	T0714397I	6/28/2007

Registered Owner	Mark	Registration Number	Registration Date
Entegris, Inc.	CLARILITE (Platform) 200700040	T0714396J	6/28/2007
Entegris, Inc.	CLARILITE (Platform) 200700040	T0714395B	6/28/2007
Entegris, Inc.	CLARILITE (Platform) 200700040	6171967 (9)	4/14/2010
Entegris, Inc.	CLARILITE (Platform) 200700040	N/A	6/21/2010
Entegris, Inc.	CLARILITE (Platform) 200700040	N/A	6/7/2010
Entegris, Inc.	CLARILITE (Platform) 200700040	1366998	6/16/2009
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	6171968	6/7/2010
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	45-25392	11/18/2008
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	6171970 (9)	4/14/2010
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	5308370	3/12/2010
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	1379048	9/16/2009
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	6102289	7/16/2007
Entegris, Inc.	CLARILITE CERTIFIED	3570379	2/3/2009

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	(Systems) 200700002		
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	T07/14399E	6/28/2007
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	T0714401J	6/28/2007
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	6171969	4/14/2010
Entegris, Inc.	CLARILITE CERTIFIED (Systems) 200700002	T0714398G	6/28/2007
Entegris, Inc.	CRYSTALPAK 200600104	4027243	7/11/1997
Entegris, Inc.	CRYSTALPAK 200600104	1962434	3/12/1996
Entegris, Inc.	CYNERGY 200600199	2302492	12/21/1999
Entegris, Inc.	DYMENSION 200600241	2821739	3/9/2004
Entegris, Inc.	DYMENSION 200600241	1061511	10/16/2003
Entegris, Inc.	DYMENSION 200600241	40-555815	8/8/2003
Entegris, Inc.	DYMENSION 200600241	4651527	3/7/2003
Entegris, Inc.	DYMENSION 200600241	2303990	6/28/2002
Entegris, Inc.	DYMENSION 200600241	23170641	6/24/2002
Entegris, Inc.	DYMENSION 200600241	30229222	2/4/2003
Entegris, Inc.	DYMENSION 200600241	3239814	11/21/2003
Entegris, Inc.	DYMENSION 200600241	738209	6/14/2002
Entegris, Inc.	DYMENSION 200600241	TO2002C002128	7/12/2002

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Entegris, Inc.	DYME 200600241	13096748	3/24/2015
Entegris, Inc.	EMPAK 200600144	13096541	2/18/2015
Entegris, Inc.	EMPAK 200600144	2181481	10/31/1989
Entegris, Inc.	EMPAK 200600144	126167	6/3/1986
Entegris, Inc.	FLARELOCK 200600189	2089727	8/19/1997
Entegris, Inc.	FLARELOCK 200600189	13096631	2/18/2015
Entegris, Inc.	FLARETEK 200600121	216229	7/2/1991
Entegris, Inc.	FLARETEK 200600121	2291671	12/26/1999
Entegris, Inc.	FLARETEK 200600121	13096763	2/18/2015
Entegris, Inc.	FLARETEK 200600121	1612936	9/11/1990
Entegris, Inc.	FLARETEK 200600121	387050	7/21/1991
Entegris, Inc.	FLUOROLINE 200600259	3338612	8/15/1997
Entegris, Inc.	FLUOROLINE 200600259	2076677	8/31/1994
Entegris, Inc.	FLUOROLINE 200600259	1777873	6/22/1993
Entegris, Inc.	FLUOROPURE 200600093	373522	9/16/1987
Entegris, Inc.	FLUOROPURE 200600093	1400346	7/8/1986
Entegris, Inc.	FLUOROPURE 200600093	1265573	4/25/1986
Entegris, Inc.	FLUOROPURE 200600093	13164728	1/15/2015
Entegris, Inc.	FLUOROPURE 200600093	2116960	2/21/1989
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	153989	11/3/1967
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	40-0060103-0000	1/30/1979



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Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	835765	1/16/1999
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	822249	10/16/1998
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	887800	4/1/2000
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	837791	2/1/1999
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	13164777	6/12/2015
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	840431	12/12/1967
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	1144622	8/15/1975
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	1129297	11/21/1997
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	1105921	9/21/1997
Entegris, Inc.	GALTEK 200600236	835849	11/16/1999
Entegris, Inc.	GALTEK 200600236	1025449	10/29/1980
Entegris, Inc.	GALTEK 200600236	1203551	8/3/1982
Entegris, Inc.	GALTEK 200600236	370105	9/4/1990
Entegris, Inc.	iCON LC 201300059	40-1041082	6/3/2014
Entegris, Inc.	iCON LC 201300059	5638738	12/20/2013
Entegris, Inc.	iCON LC 201300059	12937607	12/28/2014
Entegris, Inc.	iCON LC 201300059	T1311506Z	7/18/2013

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Entegris, Inc.	iCON LC 201300059	11995041	7/18/2013
Entegris, Inc.	iCON LC 201300059	1617379	1/1/2014
Entegris, Inc.	iCON LIQUID CONTROLLER (Jetalon) 201300060	12937606	12/28/2014
Entegris, Inc.	iCON LIQUID CONTROLLER (Jetalon) 201300060	5638739	12/20/2013
Entegris, Inc.	iCON LIQUID CONTROLLER (Jetalon) 201300060	40-1042724	6/13/2014
Entegris, Inc.	iCON LIQUID CONTROLLER (Jetalon) 201300060	1653654	7/16/2014
Entegris, Inc.	iCON LIQUID CONTROLLER (Jetalon) 201300060	T1311509D	7/18/2013
Entegris, Inc.	iCON LIQUID CONTROLLER (Jetalon) 201300060	11996345	7/18/2013
Entegris, Inc.	INTEGRA 200600234	535907	5/4/1993
Entegris, Inc.	INTEGRA 200600234	2063416	4/28/1994
Entegris, Inc.	INTEGRA 200600234	93466301	4/29/1993
Entegris, Inc.	INTEGRA 200600234	1531057	3/25/1993
Entegris, Inc.	INTEGRA 200600234	664272	11/30/1995
Entegris, Inc.	INTEGRA 200600234	1848496	8/9/1994
Entegris, Inc.	INTEGRA 200600234	4233672	1/29/1999
Entegris, Inc.	INTEGRA 200600234	40-0291941	6/20/1994

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Entegris, Inc.	INTELLIGEN 200100053	819239	10/1/1998
Entegris, Inc.	INTELLIGEN 200100053	571125	6/19/1997
Entegris, Inc.	INTELLIGEN 200100053	4364697	12/24/1999
Entegris, Inc.	INTELLIGEN 200100053	4347769	12/24/1999
Entegris, Inc.	INTELLIGEN 200100053	2246592	5/18/1999
Entegris, Inc.	INTELLIGEN 200100053	T97/07258H	1/15/1999
Entegris, Inc.	INVUE 201500007	40-1175032	4/27/2016
Entegris, Inc.	INVUE 201500007	5,064,942	10/18/2016
Entegris, Inc.	INVUE 201500007	13818182	8/6/2015
Entegris, Inc.	INVUE 201500007	16724716A	6/7/2016
Entegris, Inc.	INVUE 201500007	5783193	7/31/2015
Entegris, Inc.	INVUE 201500007	40-1175032	4/27/2016
Entegris, Inc.	INVUE 201500007	2015002994	3/17/2015
Entegris, Inc.	INVUE 201500007	40201504391Q	3/16/2015
Entegris, Inc.	LIQUIDLENS 201000110	5416317	6/3/2011
Entegris, Inc.	LIQUIDLENS 201000110	4,152,464	6/5/2012
Entegris, Inc.	LIQUIDLENS 201000110	1505077	2/16/2012
Entegris, Inc.	LIQUIDLENS 201000110	T1014736Z	11/10/2010
Entegris, Inc.	LIQUIDLENS 201000110	40932577	8/31/2012
Entegris, Inc.	LIQUIDLENS 201000110	8928032; 8928031	12/21/2011
Entegris, Inc.	LIQUIDLENS 201000110	9515529	5/2/2011
Entegris, Inc.	MAGNAFLO 200600232	2259816	7/6/1999
Entegris, Inc.	NOWTRAK 200300516 (NOWTRAK)	2861581	7/6/2004
Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	896443	8/11/2005

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Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	896443	8/11/2005
Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	896443	8/11/2005
Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	896443	8/11/2005
Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	896443	8/11/2005
Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	896443	8/11/2005
Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	896443	8/11/2005
Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	5013489	2/11/2005
Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	1211674	6/1/2006
Entegris, Inc.	PDMPAK 200500521 (PDMPAK)	3,665,066	8/4/2009
Entegris, Inc.	pHasor 200200008	2757580	8/26/2003
Entegris, Inc.	pHasor 200200008	571094	1/7/2004
Entegris, Inc.	pHasor 200200008	4680093	6/6/2003
Entegris, Inc.	pHasor 200200008	3209059	2/13/2007
Entegris, Inc.	pHasor 200200008	T06/08724B	9/5/2006
Entegris, Inc.	pHasor 200200008	4820361	1/9/2006
Entegris, Inc.	pHasor 200200008	T02/13873Z	3/14/2002
Entegris, Inc.	pHasor 200200008	1244025	1/1/2007
Entegris, Inc.	pHasor 200200008	5353537	5/7/2009
Entegris, Inc.	pHasor 200200008	2858793	9/6/2002
Entegris, Inc.	pHasor 200200008	3308664	2/28/2004
Entegris, Inc.	pHasor 200200008	1063456	11/1/2003
Entegris, Inc.	pHasor 200200008	5009948	12/6/2006
Entegris, Inc.	PRIMELOCK (408226) 201000114	2011002544	9/21/2010

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Entegris, Inc.	PRIMELOCK (408226) 201000114	T1101677C	2/11/2011
Entegris, Inc.	PRIMELOCK (408226) 201000114	9733585	2/14/2011
Entegris, Inc.	PRIMELOCK (408226) 201000114	4,154,799	6/5/2012
Entegris, Inc.	PRIMELOCK (408226) 201000114	40-938409	10/23/2012
Entegris, Inc.	PRIMELOCK (408226) 201000114	9118622	7/14/2012
Entegris, Inc.	PRIMELOCK (408226) 201000114	1513374	4/16/2012
Entegris, Inc.	PRIMELOCK (408226) 201000114	615873	5/30/2011
Entegris, Inc.	PRIMELOCK (408226) 201000114	5419519	6/17/2011
Entegris, Inc.	PUREBOND 200600083	322710	1/9/1987
Entegris, Inc.	PUREBOND 200600083	411203	3/10/1986
Entegris, Inc.	PUREBOND 200600083	3109383	6/27/2006
Entegris, Inc.	PUREBOND 200600083	873329	2/2/2006
Entegris, Inc.	PUREBOND 200600083	873329	2/2/2006
Entegris, Inc.	PUREBOND 200600083	873329	9/12/2005
Entegris, Inc.	PUREBOND 200600083	838135	2/2/2007
Entegris, Inc.	PUREBOND 200600083	873329	2/2/2006
Entegris, Inc.	PUREBOND 200600083	680743	1/30/2007
Entegris, Inc.	PUREBOND 200600083	2017190	1/26/1988

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Entegris, Inc.	PUREBOND 200600083	139831	3/30/1987
Entegris, Inc.	PUREBOND 200600083	838135	2/1/1999
Entegris, Inc.	PUREBOND 200600083	1375854	12/17/1985
Entegris, Inc.	PUREBOND 200600083	873329	2/2/2006
Entegris, Inc.	PUREBOND 200600083	1158280	9/29/1986
Entegris, Inc.	QUIKGRIP 200600122	1603754	6/26/1990
Entegris, Inc.	QUIKGRIP 200600122	1576631	2/21/1990
Entegris, Inc.	QUIKGRIP 200600122	473916	10/1/1990
Entegris, Inc.	QUIKGRIP 200600122	2482341	11/30/1992
Entegris, Inc.	QUIKGRIP 200600122	386828	7/19/1991
Entegris, Inc.	QUIKGRIP 200600122	908902	12/29/1992
Entegris, Inc.	SENTRY 200600081	1330780	10/1/2008
Entegris, Inc.	SENTRY 200600081	862614	8/4/2005
Entegris, Inc.	SENTRY 200600081	3381763	2/12/2008
Entegris, Inc.	SENTRY 200600081	862614	8/4/2005
Entegris, Inc.	SENTRY 200600081	862614	8/4/2005
Entegris, Inc.	SMARTPROBE 199700443 (SMARTPROBE)	2799461	12/23/2003
Entegris, Inc.	SMARTSTACK 200600201	1009747	8/1/2002
Entegris, Inc.	SMARTSTACK 200600201	2236590	6/20/2000
Entegris, Inc.	SMARTSTACK 200600201	1724968	3/7/2002
Entegris, Inc.	SMARTSTACK 200600201	4479315	6/21/2001

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Entegris, Inc.	SMARTSTACK 200600201	2823646	3/16/2004
Entegris, Inc.	SMARTSTACK 200600201	910076	9/30/2003
Entegris, Inc.	SMARTSTACK 200600201	3035980	6/21/2000
Entegris, Inc.	SMARTSTACK 200600201	30046162	11/5/2001
Entegris, Inc.	SOLOPAK 200700017	1760694	3/23/1993
Entegris, Inc.	STAT-PRO 200600207	1295784	9/18/1984
Entegris, Inc.	STAT-PRO 200600207	3992329	4/28/2006
Entegris, Inc.	STAT-PRO 200600207	2703823	2/28/1995
Entegris, Inc.	ULTRAPAK 200800047	1558035	9/26/1989
Entegris, Inc.	ULTRAPAK 200800047	4092652	12/12/1997
Entegris, Inc.	ATMI 199900426 (ATMI)	137332	11/1/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	4822228	12/3/2004
Entegris, Inc.	ATMI 199900426 (ATMI)	3298	6/29/2001
Entegris, Inc.	ATMI 199900426 (ATMI)	T00/00816B	1/20/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	T00/00815D	1/20/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	T00/00814/F	1/20/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	T00/00813H	1/20/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	T00/00812Z	1/20/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	3038639	1/10/2006
Entegris, Inc.	ATMI 199900426 (ATMI)	518205	4/19/2002
Entegris, Inc.	ATMI 199900426 (ATMI)	4816586	11/12/2004
Entegris, Inc.	ATMI 199900426 (ATMI)	4831493	1/7/2005

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Entegris, Inc.	ATMI 199900426 (ATMI)	4850481	3/25/2005
Entegris, Inc.	ATMI 199900426 (ATMI)	4850480	3/25/2005
Entegris, Inc.	ATMI 199900426 (ATMI)	4658805	4/4/2003
Entegris, Inc.	ATMI 199900426 (ATMI)	T00/00811A	1/20/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	T00/00810C	1/20/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	T00/00809Z	1/20/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	1394089	11/15/2005
Entegris, Inc.	ATMI 199900426 (ATMI)	140551	12/16/2000
Entegris, Inc.	ATMI 199900426 (ATMI)	952550	5/1/2001
Entegris, Inc.	ATMI 199900426 (ATMI)	942219	3/3/2001
Entegris, Inc.	ATMI 199900426 (ATMI)	5694965	10/7/2009
Entegris, Inc.	ATMI 199900426 (ATMI)	4768507	4/30/2004
Entegris, Inc.	ATMI 199900426 (ATMI)	4768507	4/30/2004
Entegris, Inc.	CREATING A MATERIAL ADVANTAGE 201000111	4384731	8/13/2013
Entegris, Inc.	CREATING A MATERIAL ADVANTAGE 201000111	5428303	7/29/2011
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	13204391	5/6/2015
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061475	7/24/2018
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061478	7/18/2018



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Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061490	7/19/2018
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	500727	7/10/2002
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1701811	1/21/2002
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1698384	1/14/2002
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1720037	2/28/2002
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1705047	1/28/2002
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	30072899	8/22/2001
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	13660	6/20/2007
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	965212	10/16/2001
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1038861	4/1/2003
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1028422	1/1/2003
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1035210	3/1/2003
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	852208	9/29/2000
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	597892	12/17/2003

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Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2347340	4/5/2001
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2347340	4/5/2001
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2514673	5/7/2003
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2347338	1/3/2003
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	3064127	11/13/2000
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2247117	9/29/2000
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	911138	10/2/2003
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	4628112	12/6/2002
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	497647	7/16/2001
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	40-541668	2/19/2003
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	522010	6/3/2002
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	523218	6/19/2002
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	13658	8/18/2003
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	13659	3/29/2000

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Entegris, Inc.	DESIGN (Entegris rings only) 200600227	T00/17224H	3/29/2000
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	T00/17225F	3/29/2000
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	T00/17226D	3/29/2000
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	T00/17227B	3/29/2000
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	9395383	5/14/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	627097	3/15/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2632533	10/8/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	TMA832729	9/25/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	T1102961A	3/10/2011
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2011004509	2/21/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1524715	7/1/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	5491897	5/11/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	400928889	7/30/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	302011013954	5/13/2011

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Entegris, Inc.	DESIGN (Entegris rings only) 200600227	113813719	3/11/2011
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2574478	6/10/2011
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	13657	4/14/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1413504	3/8/2011
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	4055167	11/15/2011
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	704992	8/1/2002
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	903673	10/10/2011
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	29809355	1/12/2012
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1457142	7/28/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1784293	8/1/2016
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	15464	11/2/2000
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	15464	12/21/2010
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1631240	N/A
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	883835	3/4/2003

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Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2215302	11/24/1999
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	13175203	5/6/2015
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	608552	4/26/2004
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	P-501415	7/24/2002
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1980985	8/7/2002
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1553720	4/14/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1633693	9/14/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1692979	1/7/2002
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2354629	5/7/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2354630	5/7/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2354631	5/7/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2354632	11/20/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	4667569	5/2/2003
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	479639	10/25/2000

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Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	493613	5/18/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	498102	7/21/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	501601	9/18/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	15461	5/23/2003
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	15466	8/30/2003
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	15465	6/6/2003
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	T00/17763J	10/10/2000
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	T0017764I	10/10/2000
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	T00/17765G	10/10/2000
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	T00/17766E	10/10/2000
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	930303	2/16/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	936498	3/16/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	968278	11/1/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1009816	8/1/2002

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Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	39975163	8/29/2000
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	99825315	8/15/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	627096	3/15/2012
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	T1102960C	3/10/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2011004508	5/27/2016
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1524716	7/1/2012
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	5491896	5/11/2012
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	TMA832727	9/25/2012
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	400928885	7/30/2012
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	113813721	3/11/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	302011012925	5/13/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1412676	3/3/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	4,055,166	11/15/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2663647	12/17/2002

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Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2573887	3/3/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	903674	4/14/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	667180	8/15/2001
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	298094347	1/12/2012
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1457143	7/28/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	9343896	6/28/2012
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	1006696	7/16/2002
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	40201508362T	5/19/2015
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2015004305	1/18/2016
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2015004295	7/19/2016
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	14020028	11/17/2015
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2015004298	1/18/2016
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2015004300	1/18/2016
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	45-67987	9/19/2016



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Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2015004302	1/18/2016
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2015004304	1/18/2016
Entegris, Inc.	Mykrolis 200100060	T02/01227B	1/31/2002
Entegris, Inc.	Mykrolis 200100060	187987	5/21/2003
Entegris, Inc.	Mykrolis 200100060	2001454	2/7/2002
Entegris, Inc.	Mykrolis 200100060	2567220	2/4/2002
Entegris, Inc.	Mykrolis 200100060	554397	7/23/2003
Entegris, Inc.	Mykrolis 200100060	554396	7/23/2003
Entegris, Inc.	Mykrolis 200100060	1050115	7/16/2003
Entegris, Inc.	Mykrolis 200100060	561377	10/1/2003
Entegris, Inc.	Mykrolis 200100060	1057773	9/16/2003
Entegris, Inc.	Mykrolis 200100060	T02/01227C	10/6/2003
Entegris, Inc.	Mykrolis 200100060	189724	11/16/2003
Entegris, Inc.	Mykrolis 200100060	2002/01455	10/18/2004
Entegris, Inc.	Mykrolis 200100060	2002/01453	10/7/2004
Entegris, Inc.	Mykrolis 200100060	2001456	6/1/2007
Entegris, Inc.	Mykrolis 200100060	T02/01224H	1/31/2002
Entegris, Inc.	Mykrolis 200100060	4562667	4/19/2002
Entegris, Inc.	Mykrolis 200100060	4564577	4/26/2002
Entegris, Inc.	Mykrolis 200100060	4612170	10/11/2002
Entegris, Inc.	Mykrolis 200100060	1029816	1/16/2003

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Entegris, Inc.	Mykrolis 200100060	T02/01222A	1/31/2002
Entegris, Inc.	AERONEX 200300146	T1012207C	9/22/2010
Entegris, Inc.	AERONEX 200300146	2781845	11/11/2003
Entegris, Inc.	ASTERA 201600224	1364875	7/26/2017
Entegris, Inc.	ASTERA 201600224	1364875	7/26/2017
Entegris, Inc.	ASTERA 201600224	2017064161	8/13/2018
Entegris, Inc.	ASTERA 201600224	1364875	7/26/2017
Entegris, Inc.	ASTERA 201600224	1364875	7/26/2017
Entegris, Inc.	ASTERA 201600224	1364875	7/26/2017
Entegris, Inc.	CHACOLLET 200200027	3562841	1/14/2005
Entegris, Inc.	CHACOLLET 200200027	40-593913	9/22/2004
Entegris, Inc.	CHACOLLET 200200027	1095475	4/16/2004
Entegris, Inc.	CHACOLLET 200200027	4721956	10/31/2003
Entegris, Inc.	CHACOLLET 200200027	3133696	8/22/2006
Entegris, Inc.	CHACOLLET 200200027	3197001	5/20/2003
Entegris, Inc.	CHEMLINE 200400055	4800200	9/3/2004
Entegris, Inc.	CONNECTOLOGY 200100014	5848858	5/13/2016
Entegris, Inc.	CONNECTOLOGY 200100014	19292054	4/21/2017
Entegris, Inc.	CONNECTOLOGY 200100014	1784379	8/1/2016
Entegris, Inc.	CONNECTOLOGY 200100014	40201516110S	9/16/2015
Entegris, Inc.	CONNECTOLOGY 200100014	2987954	8/23/2005
Entegris, Inc.	Encompass 200100017	4542724	2/8/2002

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Entegris, Inc.	Encompass 200100017	509484	12/28/2001
Entegris, Inc.	Encompass 200100017	1876283	8/30/2000
Entegris, Inc.	Encompass 200100017	T00/15304I	8/29/2000
Entegris, Inc.	Encompass 200100017	959771	9/16/2001
Entegris, Inc.	Encompass 200100017	967814	11/1/2001
Entegris, Inc.	Encompass 200100017	2754326	8/19/2003
Entegris, Inc.	Encompass 200100017	T00/15305G	8/29/2000
Entegris, Inc.	Etchgard 200100024	4223779	12/25/1998
Entegris, Inc.	EXIMOR 201200071	5612343	8/30/2013
Entegris, Inc.	EXIMOR 201200071	4010271790000	3/11/2014
Entegris, Inc.	EXIMOR 201200071	T1306017F	4/16/2013
Entegris, Inc.	EXIMOR 201200071	1659524	8/16/2014
Entegris, Inc.	EXIMOR 201200071	11757119	4/22/2013
Entegris, Inc.	EXIMOR 201200071	12545226	10/7/2014
Entegris, Inc.	EXIMOR 201200071	534383	5/20/2014
SAES Pure Gas, Inc	FACILITORR	1923143	2/28/2002
Entegris, Inc.	FLOWPLANE 201500104	1743013	12/1/2015
Entegris, Inc.	FLOWPLANE 201500104	5960476	6/30/2017
Entegris, Inc.	FLOWPLANE 201500104	40201507187T	11/8/2017
Entegris, Inc.	FLOWPLANE 201500104	40-11665816	3/9/2016
Entegris, Inc.	FLOWPLANE 201500104	14033021	9/9/2015
Entegris, Inc.	FLOWPLANE 201500104	5,172,118	3/28/2017

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Entegris, Inc.	FLOWPLANE 201500104	16935452	7/14/2016
Entegris, Inc.	FLUOREX 200300009	1113497	8/1/2004
Entegris, Inc.	FLUOREX 200300009	T03/169321	10/20/2003
Entegris, Inc.	FLUOREX 200300009	4080610	11/14/1997
Entegris, Inc.	FLUOREX 200300009	615695	4/25/2005
Entegris, Inc.	FLUOREX 200300009	3761779	6/14/2005
Entegris, Inc.	Fluorogard 200100025	96/624.878	10/5/1996
Entegris, Inc.	Fluorogard 200100025	2100034	5/13/1996
Entegris, Inc.	Fluorogard 200100025	396 22 338	11/18/1996
Entegris, Inc.	Fluorogard 200100025	4340835	12/3/1999
Entegris, Inc.	Fluorogard 200100025	2062726	5/20/1997
Entegris, Inc.	GATE KEEPER 200300145	8048405	4/21/2011
Entegris, Inc.	GATE KEEPER 200300145	5371720	11/26/2010
Entegris, Inc.	GATE KEEPER 200300145	40-859707	4/5/2011
Entegris, Inc.	GATE KEEPER 200300145	227209	4/7/2011
Entegris, Inc.	GATE KEEPER 200300145	423657	10/14/2010
Entegris, Inc.	GATE KEEPER 200300145	1427001	9/1/2010
Entegris, Inc.	GATE KEEPER 200300145	3766772	3/30/2010
Entegris, Inc.	GATE KEEPER 200300145	T1001149B	2/2/2010
Entegris, Inc.	GATE KEEPER 200300145	8857658	2/4/2010
Entegris, Inc.	GATE KEEPER 200300145	2010001987	8/5/2009
Entegris, Inc.	Guardian 200100030	4223780	12/25/1998

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Entegris, Inc.	IMPACT 200100038	1010945	8/16/2002
Entegris, Inc.	IMPACT 200100038	826219	11/16/1998
Entegris, Inc.	IMPACT 200100038	4330512	10/29/1999
Entegris, Inc.	IMPACT 200100038	4330504	10/29/1999
Entegris, Inc.	IMPACT 200100038	2736648	7/15/2003
Entegris, Inc.	IMPACT 200100038	T01/17256Z	5/3/2001
Entegris, Inc.	IMPACT 200100038	2459485	11/5/2001
Entegris, Inc.	IMPACT 200100038	3011334	6/21/2003
Entegris, Inc.	IMPACT 200100038	40-0598112	11/3/2004
Entegris, Inc.	IMPACT 200100038	2246593	5/18/1999
Entegris, Inc.	IMPACT 200100038	T97/07257Z	6/16/1997
Entegris, Inc.	IMPACT 200100038	571109	6/19/1997
Entegris, Inc.	INTERCEPT 200200024	T02/18885J	6/14/2002
Entegris, Inc.	INTERCEPT 200200024	4789100	7/23/2004
Entegris, Inc.	INTERCEPT 200200024	2704811	4/8/2003
Entegris, Inc.	INTERCEPT 200200024	3401125	7/7/2004
Entegris, Inc.	INTERCEPT 200200024	588446	7/23/2004
Entegris, Inc.	INTERCEPT 200200024	1080458	1/16/2004
Entegris, Inc.	INTERCEPT 200200024	2982197	12/13/2002
Entegris, Inc.	Luminousgard (Gas Purifier) 200300110	3633626	6/9/2009
Entegris, Inc.	Luminousgard (Gas Purifier) 200300110	3533288	11/11/2003
Entegris, Inc.	Luminousgard (Gas Purifier) 200300110	3792250	7/28/2005

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Entegris, Inc.	Luminousgard (Gas Purifier) 200300110	T03/18192B	11/10/2003
Entegris, Inc.	Luminousgard (Gas Purifier) 200300110	4763479	4/9/2004
Entegris, Inc.	Luminousgard (Gas Purifier) 200300110	1119165	9/16/2004
Entegris, Inc.	Luminousgard (Gas Purifier) 200300110	607015	1/26/2005
Entegris, Inc.	MICROGARD 200500003	1409235-2	2/29/1980
Entegris, Inc.	Optimizer 200100072	4480147	2/11/2014
Entegris, Inc.	Optimizer 200100072	4772489	5/21/2004
Entegris, Inc.	Optimizer 200100072	40-0732531	12/27/2007
Entegris, Inc.	Optimizer 200100072	T05/02983D	3/7/2005
Entegris, Inc.	Optimizer 200100072	1195930	2/16/2006
Entegris, Inc.	Optimizer 200100072	4526694	3/21/2009
Entegris, Inc.	Panelgard 200300090	4567541	5/17/2002
Entegris, Inc.	Panelgard 200300090	1188897	1/1/2006
Entegris, Inc.	Panelgard 200300090	4541777	12/14/2007
Entegris, Inc.	Panelgard 200300090	40-663196	5/19/2006
Entegris, Inc.	PLANARGARD 200100080	855650	6/16/1999
Entegris, Inc.	PLANARGARD 200100080	T98/05329C	6/1/1998
Entegris, Inc.	PLANARGARD 200100080	450677	7/9/1999
Entegris, Inc.	PLANARGARD 200100080	4357014	1/28/2000
Entegris, Inc.	PLANARGARD 200100080	2280990	9/28/1999
Entegris, Inc.	PLANARGARD 200100080	449573	6/18/1999
Entegris, Inc.	PLANARGARD 200100080	T98/04660B	9/15/2000

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Entegris, Inc.	PLANARGARD 200100080	822593	5/7/1998
Entegris, Inc.	PROCESSGARD 200200033	580831	4/22/2004
Entegris, Inc.	PROCESSGARD 200200033	4693734	7/18/2003
Entegris, Inc.	PROCESSGARD 200200033	4693734	7/18/2003
Entegris, Inc.	PROCESSGARD 200200033	T03/03901H	10/23/2003
Entegris, Inc.	PROCESSGARD 200200033	1088272	3/1/2004
Entegris, Inc.	PROCESSGARD 200200033	3508711	11/28/2004
Entegris, Inc.	PROCESSGARD 200200033	3004003	10/23/2002
Entegris, Inc.	PROCESSGARD 200200033	3195054	3/31/2003
Entegris, Inc.	PROCESSGARD 200200033	2826559	3/23/2004
Entegris, Inc.	PROTEGO 200200025	2969707	3/31/2008
Entegris, Inc.	PROTEGO 200200025	3383221	6/7/2004
Entegris, Inc.	PROTEGO 200200025	577703	3/16/2004
Entegris, Inc.	PROTEGO 200200025	T02/17778F	6/11/2002
Entegris, Inc.	PROTEGO 200200025	4717094	10/10/2003
Entegris, Inc.	PROTEGO 200200025	2849302	6/1/2004
Entegris, Inc.	PROTEGO 200200025	1078280	1/1/2004
Entegris, Inc.	PURASOL 201600225	2017064173	8/13/2018
Entegris, Inc.	PURASOL 201600225	1364874	7/26/2017
Entegris, Inc.	PURASOL 201600225	1364874	7/26/2017
Entegris, Inc.	PURASOL 201600225	1364874	7/26/2017
Entegris, Inc.	PURASOL 201600225	1364874	7/26/2017

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Entegris, Inc.	QUICKCHANGE 200100084	4189049	1/13/2005
Entegris, Inc.	QUICKCHANGE 200100084	2923055	2/1/2005
Entegris, Inc.	RGEN 200100085	4379874	4/28/2000
Entegris, Inc.	RGEN 200100085	2652151	11/19/2002
Entegris, Inc.	RGEN 200100085	976381	10/22/1998
Entegris, Inc.	RINSEGARD 200100296	2855931	6/22/2004
Entegris, Inc.	RINSEGARD 200100296	4621039	11/15/2002
Entegris, Inc.	SAVANA 200900091	T1002828Z	3/10/2010
Entegris, Inc.	SAVANA 200900091	8946717	3/11/2010
Entegris, Inc.	SAVANA 200900091	8107918	3/7/2017
Entegris, Inc.	SAVANA 200900091	10665960	4/7/2015
Entegris, Inc.	SAVANA 200900091	8107917	5/14/2013
Entegris, Inc.	SAVANA 200900091	10666209	4/7/2015
Entegris, Inc.	SAVANA 200900091	40-864013	5/9/2011
Entegris, Inc.	SAVANA 200900091	5379568	12/24/2010
Entegris, Inc.	SAVANA 200900091	5379567	12/24/2010
Entegris, Inc.	SAVANA 200900091	3898139	12/28/2010
Entegris, Inc.	SAVANA 200900091	1456181	3/16/2011
Entegris, Inc.	SILVERSET 200800045	T0810122F	7/31/2008
Entegris, Inc.	SILVERSET 200800045	5265522	9/11/2009
Entegris, Inc.	SILVERSET 200800045	1355829	4/1/2009
Entegris, Inc.	SILVERSET 200800045	7226772	9/11/2008
Entegris, Inc.	SILVERSET 200800045	4038850	10/11/2011



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Entegris, Inc.	SILVERSET 200800045	6882972	9/7/2013
Entegris, Inc.	SILVERSET 200800045	40-795756	7/21/2009
Entegris, Inc.	Solaris 200100090	4345840	8/7/2007
Entegris, Inc.	Solaris 200100090	T04/19789Z	11/12/2004
Entegris, Inc.	Solaris 200100090	1400662	11/22/1999
Entegris, Inc.	Solaris 200100090	4495992	8/3/2001
Entegris, Inc.	Solaris 200100090	655640	3/21/2006
Entegris, Inc.	Solaris 200100090	1183260	12/1/2005
Entegris, Inc.	Solaris 200100090	t04/19787C	11/12/2004
Entegris, Inc.	THERMOGARD 200700030	6103683	7/16/2007
Entegris, Inc.	THERMOGARD 200700030	T0715257I	7/10/2007
Entegris, Inc.	THERMOGARD 200700030	40-759622	9/2/2008
Entegris, Inc.	THERMOGARD 200700030	6157429	2/28/2010
Entegris, Inc.	THERMOGARD 200700030	5094550	11/22/2007
Entegris, Inc.	THERMOGARD 200700030	1336888	11/16/2008
Entegris, Inc.	TORRENTO 200700047	5979381	1/7/2010
Entegris, Inc.	TORRENTO 200700047	5928189	5/14/2008
Entegris, Inc.	TORRENTO 200700047	1307752	4/16/2008
Entegris, Inc.	TORRENTO 200700047	5185961	12/5/2008
Entegris, Inc.	TORRENTO 200700047	T0707173J	4/4/2007
Entegris, Inc.	TORRENTO 200700047	5099961	12/21/2007
Entegris, Inc.	TORRENTO 200700047	40-737899	2/20/2008
Entegris, Inc.	TORRENTO 200700047	3658600	7/21/2009
Entegris, Inc.	UNIGARD 200300008	4389508	6/9/2000
Entegris, Inc.	UNIGARD 200300008	4049304	8/29/1997

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Entegris, Inc.	Wafergard 200100107	N/A	12/12/2007
Entegris, Inc.	Wafergard 200100107	1359089	9/10/1985
Entegris, Inc.	Wafergard 200100107	M-1960461	6/16/1987
Entegris, Inc.	Wafergard 200100107	524117	5/16/1991
Entegris, Inc.	Wafergard 200100107	40-235561	4/10/1992
Entegris, Inc.	Wafergard 200100107	1083529	12/14/1984
Entegris, Inc.	Wafergard 200100107	40-235563 (90-198262)	4/10/1992
Entegris, Inc.	Wafergard 200100107	1293721	12/27/1984
Entegris, Inc.	Wafergard 200100107	1236872	2/28/1985
Entegris, Inc.	XCDA 200300141	2810790	2/3/2004
Entegris, Inc.	ACCUSIZER	4290026	7/2/1999
Entegris, Inc.	ACCUSIZER	4008317050000	8/2/2010
Entegris, Inc.	ACCUSIZER	1,782,043	7/13/1993
Entegris, Inc.	ACCUSIZER	1,782,043	7/13/1993
Entegris, Inc.	ACCUSIZER	2389435	5/12/2003
Entegris, Inc.	ACCUSIZER	2389435	5/12/2003
Entegris, Inc.	ACCUSIZER	301265436	12/30/2008
Entegris, Inc.	ACCUSIZER	2389435	3/28/2003
Entegris, Inc.	ACCUSIZER	2389435	3/28/2003
Entegris, Inc.	ACCUSIZER	1772332	1/9/2009
Entegris, Inc.	ACCUSIZER	1772332	1/9/2009
Entegris, Inc.	ACCUSIZER	4290026	7/2/1999
Entegris, Inc.	ACCUSIZER	4008317050000	8/2/2010
Entegris, Inc.	ATMI and Diamond Logo 200300517 (ATMI and Diamond Logo)	3310234	10/16/2007
Entegris, Inc.	ATMI and Diamond Logo 200300517 (ATMI and Diamond Logo)	5694964	10/7/2009
Entegris, Inc.	CHEMGARD 200600100	4729354	11/28/2003
Entegris, Inc.	CHEMLOCK 200200007	2858751	9/6/2002

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Entegris, Inc.	CHEMLOCK 200200007	2796097	12/16/2003
Entegris, Inc.	CHEMLOCK 200200007	4642197	1/31/2003
Entegris, Inc.	CHEMLOCK 200200007	3308663	5/28/2004
Entegris, Inc.	CHEMLOCK 200200007	40-565227	12/12/2003
Entegris, Inc.	CHEMLOCK 200200007	1059298	10/1/2003
Entegris, Inc.	CHEMLOCK 200200007	T02/13874H	3/14/2002
SAES Pure Gas, Inc	FACILI TORR	2461724	6/19/2001
SAES Pure Gas, Inc	FACILI TORR	1928308	7/6/2001
SAES Pure Gas, Inc	FACILI TORR	1923143	2/28/2002
SAES Pure Gas, Inc	FACILI TORR	970614	11/16/2001
Entegris, Inc.	FACILI TORR	1758017	4/28/2002
SAES Pure Gas, Inc	FACILI TORR	1928308	11/9/2001
SAES Pure Gas, Inc	FACILI TORR	17071	3/28/2008
SAES Pure Gas, Inc	FACILI TORR	T0018973F	11/12/2002
SAES Pure Gas, Inc	FACILI TORR and design	973792	12/1/2001
SAES Pure Gas, Inc	FACILI TORR and design	1758016	4/28/2002
SAES Pure Gas, Inc	FACILI TORR and design	T0018972H	8/5/2002
SAES Pure Gas, Inc	FACILI TORR and design	1928308	11/9/2001
SAES Pure Gas, Inc	FACILI TORR and design	2592589	7/9/2002
SAES Pure Gas, Inc	FACILI TORR and design	4005194020000	5/4/2002
SAES Pure Gas, Inc	FACILI TORR and design	4488909	7/6/2001
SAES Pure Gas, Inc	FACILI TORR and design	17074	3/28/2008
Entegris, Inc.	FACILITORR	1758017	4/28/2002
SAES Pure Gas, Inc	MEGA TORR	2101892	9/30/1997
SAES Pure Gas, Inc	MEGA TORR (and Design)	1773451	5/25/1993
SAES Pure Gas, Inc	MEGATORR	4003642310000	6/5/1997
SAES Pure Gas, Inc	MEGATORR	4215287	11/27/1998
SAES Pure Gas, Inc	MEGATORR	4215287	11/27/1998

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SAES Pure Gas, Inc	MEGATORR	732579	10/16/1996
SAES Pure Gas, Inc	MEGATORR (Stylized)	1127631	11/14/1997
SAES Pure Gas, Inc	MEGATORR (Stylized)	2076185	7/1/1997
SAES Pure Gas, Inc	MICRO TORR	2049741	4/1/1997
SAES Pure Gas, Inc	MICRO TORR and Design	1960469	3/5/1996
SAES Pure Gas, Inc	MICROTORR	4345412	12/17/1999
SAES Pure Gas, Inc	MICROTORR	4103989	1/16/1998
SAES Pure Gas, Inc	MICROTORR	1103217	9/14/1997
SAES Pure Gas, Inc	MICROTORR	732577	10/16/1996
SAES Pure Gas, Inc	MICROTORR	4003642320000	6/5/1997
SAES Pure Gas, Inc	MICROTORR (Stylized)	2076171	7/1/1997
SAES Pure Gas, Inc	MINOTAUR	998645	5/16/2002
SAES Pure Gas, Inc	MINOTAUR	1018822	10/16/2002
SAES Pure Gas, Inc	MINOTAUR	763709	5/29/2001
SAES Pure Gas, Inc	MINOTAUR	763709	5/29/2001
SAES Pure Gas, Inc	MINOTAUR	1422277	2/24/2011
SAES Pure Gas, Inc	Minotaur Design	794611	2/1/1998
SAES Pure Gas, Inc	Minotaur Design	4098382	12/26/1997
SAES Pure Gas, Inc	Minotaur Design	2032173	1/21/1997
SAES Pure Gas, Inc	Minotaur Design	4195015	10/2/1998
SAES Pure Gas, Inc	Minotaur Design	4191509	9/25/1998
SAES Pure Gas, Inc	Minotaur Design	794611	2/1/1998
SAES Pure Gas, Inc	MONO TORR	2079823	7/15/1997
SAES Pure Gas, Inc	MONO TORR and design	1127630	11/14/1997
SAES Pure Gas, Inc	MONO TORR and design	1809014	12/7/1993
SAES Pure Gas, Inc	MONOTORR	1127632	11/14/1997
SAES Pure Gas, Inc	MONOTORR	4210817	11/13/1998
SAES Pure Gas, Inc	MONOTORR	4211616	11/13/1998
SAES Pure Gas, Inc	MONOTORR	4003642300000	6/5/1997
SAES Pure Gas, Inc	MONOTORR	732580	10/16/1996
Entegris, Inc.	NICOMP	13620381	5/6/2015
Entegris, Inc.	NICOMP	5900079	11/25/2016
Entegris, Inc.	NICOMP	1772333	1/9/2009
Entegris, Inc.	NICOMP	301264626	12/29/2008
Entegris, Inc.	NICOMP	1294592	5/8/2015
Entegris, Inc.	NICOMP	4008317060000	8/2/2010
Entegris, Inc.	NICOMP	1102154	2/4/1987

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Entegris, Inc.	NICOMP	7145529	10/21/2010
Entegris, Inc.	NICOMP	1,340,333	6/11/1985
Entegris, Inc.	NOWPak 198800373 (NOWPak)	4319179	9/24/1999
Entegris, Inc.	NOWPak 198800373 (NOWPak)	1524520	2/14/1989
Entegris, Inc.	NOWPak 198800373 (NOWPak)	39748235.3	8/11/1998
N/A	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
Entegris, Inc.	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
N/A	OKTOLEX	1401542	2/5/2018
Entegris, Inc.	PLANARCAP 200400033	4181541	1/9/2006
Entegris, Inc.	PLANARCAP 200400033	655639	3/21/2006
Entegris, Inc.	PLANARCAP 200400033	4390374	6/14/2007
Entegris, Inc.	PLANARCAP 200400033	4842015	2/25/2005
Entegris, Inc.	PLANARCAP 200400033	1175478	10/1/2005
Entegris, Inc.	PLANARCAP 200400033	3104989	6/13/2006
Entegris, Inc.	PLANARCAP 200400033	1175478	10/1/2005
Entegris, Inc.	POCOFOAM 200800124	2553822	3/26/2002
N/A	TRINZIK	1396977	1/10/2018
N/A	TRINZIK	1396977	1/10/2018
N/A	TRINZIK	1396977	1/10/2018
N/A	TRINZIK	1396977	1/10/2018
N/A	TRINZIK	1396977	1/10/2018

Registered Owner	Mark	Registration Number	Registration Date
N/A	TRINZIK	1396977	1/10/2018
N/A	TRINZIK	1396977	1/10/2018
N/A	TRINZIK	1396977	1/10/2018
N/A	TRINZIK	1396977	1/10/2018
N/A	TRINZIK	1396977	1/10/2018
Entegris, Inc.	TRINZIK	1396977	1/10/2018
Entegris, Inc.	EDM-1 200800097	3133505	8/22/2006
Entegris, Inc.	EDM-2 200800098	3133510	8/22/2006
Entegris, Inc.	EDM-200 200800103	3133508	8/22/2006
Entegris, Inc.	EDM-3 200800099	3133507	8/22/2006
Entegris, Inc.	EDM-4 200800100	3136278	8/29/2006
Entegris, Inc.	EDM-AF5 200800105	3136279	8/29/2006
Entegris, Inc.	EDM-C200 200800107	3133509	8/22/2006
Entegris, Inc.	EDM-C3 200800106	3136280	8/29/2006
Entegris, Inc.	FABMATE (Block Lettering) 200800111	1617340	10/16/1990
Entegris, Inc.	FABMATE (non- stylized) 201100092	4,202,108	9/4/2012
Entegris, Inc.	GLASSMATE (non-stylized) 201100093	4464637	1/14/2014
Entegris, Inc.	GLASSMATE 200800114	1458022	9/22/1987
Entegris, Inc.	GLASSMATE 200800114	814507921	5/1/1990
Entegris, Inc.	GLASSMATE 200800114	362508	11/3/1989
Entegris, Inc.	GLASSMATE 200800114	1742830	4/12/1989
Entegris, Inc.	GLASSMATE 200800114	13164611	12/29/2014
Entegris, Inc.	Joppa27 201502704 (Joppa27)	15288657	8/4/2016
Entegris, Inc.	Joppa27 201502704 (Joppa27)	5863477	7/1/2016
Entegris, Inc.	Joppa27 201502704 (Joppa27)	5,042,847	9/13/2016
Entegris, Inc.	Joppa27 201502704 (Joppa27)	40-1183430	6/9/2016

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Entegris, Inc.	Joppa27 201502704 (Joppa27)	1790351	9/16/2016
Entegris, Inc.	MEGAVAP 201500120 (MEGAVAP)	4885232	1/12/2016
Entegris, Inc.	NxTi 201300600 (NxTi)	1724779	9/1/2015
Entegris, Inc.	NxTi 201300600 (NxTi)	4619933	10/14/2014
Entegris, Inc.	NxTi 201300600 (NxTi)	5729162	12/26/2014
Entegris, Inc.	PDS 201400601 (PDS)	1262073	6/23/2015
Entegris, Inc.	PDS 201400601 (PDS)	1262073	6/23/2015
Entegris, Inc.	PDS 201400601 (PDS)	1262073	1/27/2016
Entegris, Inc.	PDS 201400601 (PDS)	4869220	12/15/2015
Entegris, Inc.	PDS 201400601 (PDS)	2015060132	10/6/2016
Entegris, Inc.	PDS 201400601 (PDS)	1756929	2/16/2016
Entegris, Inc.	PDS 201400601 (PDS)	2015060128	10/6/2016
Entegris, Inc.	PDS 201400601 (PDS)	1262073	6/23/2015
Entegris, Inc.	PDS 201400601 (PDS)	1262073	6/23/2015
Entegris, Inc.	PDS 201400601 (PDS)	1262073	6/23/2015
Entegris, Inc.	PDS 201400601 (PDS)	1262073	7/22/2016
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1050309	9/6/2010
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1050309	9/6/2010
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1050309	9/6/2010

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Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1050309	9/6/2010
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	3963105	5/17/2011
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1478287	10/16/2011
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1050309	9/6/2010
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1050309	9/6/2010
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1050309	9/6/2010
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1050309	9/6/2010
Entegris, Inc.	PLANARCLEAN 201000584 (PLANARCLEAN)	1050309	9/6/2010
Entegris, Inc.	Planarclean 200300137	3877784	6/17/2004
Entegris, Inc.	Planarclean 200300137	2974322	7/19/2005
Entegris, Inc.	Planarclean 200300137	T04/10454I	6/29/2004
Entegris, Inc.	Planarclean 200300137	4838493	2/10/2005
Entegris, Inc.	Planarclean 200300137	1150775	5/1/2005
Entegris, Inc.	Planarclean 200300137	40-665525	6/9/2006
Entegris, Inc.	Planarclean 200300137	4112768	9/21/2006
Entegris, Inc.	PLANARGEM 200900070	5438841	9/16/2011
Entegris, Inc.	PLANARGEM 200900070	T1000914E	1/28/2010
Entegris, Inc.	PLANARGEM 200900070	8857591	2/4/2010



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Entegris, Inc.	PLANARGEM 200900070	1448686	1/16/2011
Entegris, Inc.	PLANARGEM 200900070	40-865454	5/19/2011
Entegris, Inc.	PLANARGEM 200900070	8044752	4/14/2011
Entegris, Inc.	PLANARGEM 200900070	4037566	10/11/2011
Entegris, Inc.	POCO (word only) 200800127	2177776	8/4/1998
Entegris, Inc.	POCO with design 200800126	2177811	8/4/1998
Entegris, Inc.	POCO with emblem 200800125	2179828	8/11/1998
Entegris, Inc.	PROE-VAP 200300518 (PROE- VAP)	4201602028U	2/4/2016
Entegris, Inc.	PROE-VAP 200300518 (PROE- VAP)	3121437	7/25/2006
Entegris, Inc.	PROE-VAP 200300518 (PROE- VAP)	2016052141	3/11/2017
Entegris, Inc.	PROE-VAP 200300518 (PROE- VAP)	5863192	7/1/2016
Entegris, Inc.	PURE DELIVERY SOURCE 201500132 (PURE DELIVERY SOURCE)	1260856	6/20/2015
Entegris, Inc.	PURE DELIVERY SOURCE 201500132 (PURE DELIVERY SOURCE)	1260856	6/20/2015
Entegris, Inc.	PURE DELIVERY SOURCE 201500132 (PURE DELIVERY SOURCE)	1260856	6/20/2015
Entegris, Inc.	REGENSI 200600556 (REGENSI)	934704	1/6/2007

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Entegris, Inc.	REGENSI 200600556 (REGENSI)	934704	1/6/2007
Entegris, Inc.	REGENSI 200600556 (REGENSI)	1302135	2/16/2008
Entegris, Inc.	REGENSI 200600556 (REGENSI)	3542410	12/9/2008
Entegris, Inc.	SAFE DELIVERY SOURCE 200600562 (SAFE DELIVERY SOURCE)	3,445,321	6/10/2008
Entegris, Inc.	SAGE 199900372 (SAGE)	942221	7/1/2001
Entegris, Inc.	SAGE 199900372 (SAGE)	1378678	11/20/2001
Entegris, Inc.	SAGE 199900372 (SAGE)	2625475	9/24/2002
Entegris, Inc.	SAGE 199900372 (SAGE)	T99/12798C	11/10/1999
Entegris, Inc.	SAGE 199900372 (SAGE)	T99/12799A	11/10/1999
Entegris, Inc.	SAGE 199900372 (SAGE)	T00/00303I	1/11/2000
Entegris, Inc.	SAGE 199900372 (SAGE)	T00/00304G	1/11/2000
Entegris, Inc.	SAGE 199900372 (SAGE)	T00/00305E	1/11/2000
Entegris, Inc.	SAGE 199900372 (SAGE)	99011348	11/11/1999
Entegris, Inc.	SAGE 199900372 (SAGE)	T01/14464G	9/12/2001
Entegris, Inc.	SAGE 199900372 (SAGE)	40-0492211	4/30/2001
Entegris, Inc.	SDS 199600218 (SDS)	2115190	11/25/1997
Entegris, Inc.	SDS 199600218 (SDS)	2205571	11/24/1998
Entegris, Inc.	SDS 199600218 (SDS)	4785109	7/9/2004
Entegris, Inc.	SUPERSiC 200800116	1762413	4/6/1993

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Entegris, Inc.	TITANKLEAN 201300563 (TITANKLEAN)	1675101	11/16/2014
Entegris, Inc.	TITANKLEAN 201300563 (TITANKLEAN)	1202673	4/7/2014
Entegris, Inc.	TITANKLEAN 201300563 (TITANKLEAN)	4533442	5/20/2014
Entegris, Inc.	TITANKLEAN 201300563 (TITANKLEAN)	1202673	4/7/2014
Entegris, Inc.	TITANKLEAN 201300563 (TITANKLEAN)	1202673	4/7/2014
Entegris, Inc.	TITANKLEAN 201300563 (TITANKLEAN)	1202673	4/7/2014
Entegris, Inc.	TITANKLEAN 201300563 (TITANKLEAN)	1202673	4/7/2014
Entegris, Inc.	VAC 199900409 (VAC)	4613118	10/18/2002
Entegris, Inc.	VAC 199900409 (VAC)	1341718	10/5/1999
Entegris, Inc.	VAC 199900409 (VAC)	954308	10/11/1999
Entegris, Inc.	VAC 199900409 (VAC)	954308	8/16/2001
Entegris, Inc.	VAC 199900409 (VAC)	99010328	4/7/2007
Entegris, Inc.	VAC 199900409 (VAC)	T99/13112C	11/17/1999
Entegris, Inc.	VAC 199900409 (VAC)	480084	10/30/2000
Entegris, Inc.	VAC 199900409 (VAC)	2628712	10/1/2002
Entegris, Inc.	VAC 199900409 (VAC)	6301358	3/28/2010
Entegris, Inc.	VAC Stylized Logo 200700561 (VAC Stylized Logo)	3311534	10/16/2007
Entegris, Inc.	VACUUM ACTUATED	T00/00062E	10/15/2002

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	CYLINDER 199900409A (VACUUM ACTUATED CYLINDER)		
Entegris, Inc.	XILO (zi-low) 201500088 (XILO)	5821237	1/22/2016
Entegris, Inc.	ZEE 200800108	3155740	10/17/2006
Entegris, Inc.	POCO (word only) 200800127	2177776	8/4/1998
Entegris, Inc.	POCO with design 200800126	2177811	8/4/1998
Entegris, Inc.	POCO with emblem 200800125	2179828	8/11/1998
Entegris, Inc.	POCOFOAM 200800124	2553822	3/26/2002

### Trademark Applications

Registered Owner	Mark	Application Number	Date Filed
Entegris, Inc.	ACCUFLO 200700003	13096102	7/18/2014
Entegris, Inc.	AUTOPOD 200600235	13096649	7/18/2014
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	960103296	9/10/1996
Entegris, Inc.	FLUOROWARE (words only - no logo) 200600094	85031325	6/26/1996
Entegris, Inc.	QUIKGRIP 200600122	13101977	7/21/2014
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2135529	4/26/2011
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	A0067899	6/19/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	1843639	6/20/2017

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Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061564	6/21/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061498	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061497	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061496	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061495	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061494	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061493	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061492	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061486	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061482	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061472	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	2017061471	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	106037331	6/20/2017
Entegris, Inc.	DESIGN (Entegris rings only) 200600227	87/275,081	12/20/2016

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Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2111249	3/8/2011
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	17864881	9/10/2015
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	17864882	9/10/2015
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	17864883	9/10/2015
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	17864884	9/10/2015
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	17864885	9/10/2015
Entegris, Inc.	ENTEGRIS (words only no rings) 200600244	2015-48492	5/22/2015
Entegris, Inc.	THE SCIENCE OF INNOVATION	88/106,949	9/6/2018
Entegris, Inc.	ASTERA 201600224	87/319,915	2/1/2017
Entegris, Inc.	ASTERA 201600224	106046759	7/27/2017
Entegris, Inc.	ASTERA 201600224	2017064169	7/27/2017
Entegris, Inc.	ASTERA 201600224	2017064164	7/27/2017
Entegris, Inc.	CONNECTOLOGY 200100014	17916886	9/17/2015
Entegris, Inc.	CONNECTOLOGY 200100014	40-2015-69385	9/16/2015
Entegris, Inc.	FLOWPLANE 201500104	2015056701	4/30/2015
Entegris, Inc.	FLOWPLANE 201500104	2015056858	4/30/2015
Entegris, Inc.	PURASOL 201600225	106046995	7/28/2017
Entegris, Inc.	PURASOL 201600225	2017064188	7/27/2017

Registered Owner	Mark	Application Number	Date Filed
Entegris, Inc.	PURASOL 201600225	87/319,867	1/31/2017
Entegris, Inc.	PURASOL 201600225	2017064179	7/27/2017
Entegris, Inc.	PURASOL 201600225	USPTO Ref No. A0068	1/31/2017
Entegris, Inc.	SAVANA 200900091	5231622	7/9/2012
Entegris, Inc.	SAVANA 200900091	1368850	1/1/2000
Entegris, Inc.	SAVANA 200900091	7062074	1/1/2000
Entegris, Inc.	SAVANA 200900091	1518219	1/1/2000
Entegris, Inc.	SAVANA 200900091	G588666	3/28/2013
Entegris, Inc.	TRINZIK	87/521,596	7/10/2017
Entegris, Inc.	Wafergard 200100107	13310859	1/1/2000
Entegris, Inc.	ACCUSIZER	97058787	12/26/2008
Entegris, Inc.	ACCUSIZER	97058787	12/26/2008
Entegris, Inc.	ASTERA 201600224	40-2018-78804	6/11/2018
Entegris, Inc.	AZORA	87/923,652	5/16/2018
Entegris, Inc.	NICOMP	97058790	12/26/2008
Entegris, Inc.	OKTOLEX	107008321	2/6/2018
Entegris, Inc.	OKTOLEX	1881352	2/5/2018
Entegris, Inc.	OKTOLEX	2018052837	2/7/2018
Entegris, Inc.	OKTOLEX	2018052836	2/7/2018
Entegris, Inc.	OKTOLEX	2018052831	2/7/2018
Entegris, Inc.	OKTOLEX	87/559,799	8/8/2017
Entegris, Inc.	PROACT 200700564 (PROACT)	966180	7/31/2008
Entegris, Inc.	TRINZIK	1876382	1/8/2018
Entegris, Inc.	TRINZIK	2018050456	1/9/2018
Entegris, Inc.	TRINZIK	2018050457	1/9/2018
Entegris, Inc.	TRINZIK	107001582	1/9/2018
Entegris, Inc.	ACCUDOSE 200700555 (ACCUDOSE)	96045140	9/21/2007
Entegris, Inc.	MEGAVAP 201500120 (MEGAVAP)	104036412	6/25/2015

Registered Owner	Mark	Application Number	Date Filed
Entegris, Inc.	MEGAVAP 201500120 (MEGAVAP)	40-2015-0050898	7/8/2015
Entegris, Inc.	MEGAVAP 201500120 (MEGAVAP)	2015-59798	6/24/2015
Entegris, Inc.	MEGAVAP 201500120 (MEGAVAP)	17423321	7/14/2015
Entegris, Inc.	PLANAREX	87/814,571	2/28/2018
Entegris, Inc.	PROE-VAP 200300518 (PROE-VAP)	40-2016-0018605	3/14/2016
Entegris, Inc.	PROE-VAP 200300518 (PROE-VAP)	19000857	1/27/2016
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Entegris, Inc.	PURE DELIVERY SOURCE 201500132 (PURE DELIVERY SOURCE)	A0051178	6/20/2015
Entegris, Inc.	PURE DELIVERY SOURCE 201500132 (PURE DELIVERY SOURCE)	104036410	6/25/2015