

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM583274

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	The submission is to correct an error made in a previously recorded assignment that erroneously affects Property Numbers: Reg. Nos. 1851237; 1705722; 1870262; 1907795; 2607784, recorded at Reel/Frame 6006/0686.		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
KMG Electronic Chemicals, Inc.		01/01/2008	Corporation:
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	KMG Electronic Chemicals, Inc.		
<b>Street Address:</b>	250 William White Blvd.		
<b>City:</b>	Pueblo		
<b>State/Country:</b>	COLORADO		
<b>Postal Code:</b>	81001		
<b>Entity Type:</b>	Corporation: TEXAS		
<b>PROPERTY NUMBERS Total: 5</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	1851237	CLEANROOM	
<b>Registration Number:</b>	1705722	GIGABIT	
<b>Registration Number:</b>	1870262	TERABIT	
<b>Registration Number:</b>	1907795	ULTRA-ETCH	
<b>Registration Number:</b>	2607784	PUREMAX	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	2124082501		
<i>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.</i>			
<b>Phone:</b>	2124082500		
<b>Email:</b>	dlnydocket@bakerbotts.com		
<b>Correspondent Name:</b>	BAKER BOTTS L.L.P		
<b>Address Line 1:</b>	30 ROCKEFELLER PLAZA		
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10112		
<b>NAME OF SUBMITTER:</b>	Ruth J. Olivo		
<b>SIGNATURE:</b>	/Ruth J. Olivo/		
<b>DATE SIGNED:</b>	06/26/2020		

CH \$140.00 1851237

**Total Attachments: 95**

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## DECLARATION OF OWNERSHIP

**KMG Electronic Chemicals, Inc.** (hereinafter “KMG Electronic”) is a company incorporated in Texas having an office at 250 William White Blvd., Pueblo, Colorado 81001. KMG Electronic provides this Declaration of Ownership in order to clarify the assignment record in certain intellectual property assets (“Assets”) as provided in Schedule 1 attached hereto, in accordance with MPEP § 323.01(c) and TMEP § 503.06 (c).

As noted herein, assignments were inadvertently recorded against the Assets, which purported to transfer the Assets to **Versum Materials US, LLC**, a Delaware limited liability company having its principal place of business at 8555 River Parkway, Tempe, Arizona 85284. However, the Assets were already rightfully assigned to KMG Electronic, as further discussed herein.

In accordance with MPEP § 323.01(c) and TMEP § 503.06 (c), KMG Electronic provides the following information in chronological order to clarify the record in the Assets.

October 19, 2007: **Air Products and Chemicals, Inc.** is a company (“Air Products”) having an address of 7201 Hamilton Boulevard, Allentown, Pennsylvania 181951. **KMG Chemicals, Inc.** is a company (“KMG Chem”) incorporated in Texas having an office at 300 Throckmorton Street, Fort Worth, Texas 76102.

Air Products and KMG Chem entered into an Asset Purchase Agreement dated October 19, 2007, in which Air Products agreed to assign all of Air Products’ right, title and interest in certain intellectual property (“Intellectual Property”). The Intellectual Property included the Assets of Schedule 1 attached hereto, which lists both Patent Assets and Trademark Assets.

December 31, 2007: KMG Chem entered into an assignment agreement with KMG Electronic dated December 31, 2007, in which KMG Chem assigned all of KMG Chem’s right, title and interest in the Intellectual Property to KMG Electronic, which included the Assets.

January 1, 2008:

Patent Assets: Effective as of January 1, 2008, Air Products assigned the Patent Assets to KMG Electronic by way of a patent assignment (“Patent Assignment”), which was duly recorded with the U.S. Patent and Trademark Office at Reel/Frame 020540/0146<sup>1</sup> on February 21, 2008. The Patent Assignment explained the above information of October 19, 2007 and December 31, 2007, and is also included as Exhibit A attached hereto. This Patent Assignment was re-recorded with the U.S. Patent and Trademark Office at Reel/Frame 020859/0167 on April 25, 2008, to further include the serial number of a

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<sup>1</sup> The Patent Assignment at Reel/Frame 020540/0146 of Exhibit A includes U.S. Patent No. 6,162,370 (corresponding to patent application number 09/141,897); U.S. Patent No. 6,303,514 (corresponding to patent application number 09/652,416); and U.S. Patent No. 6,358,899 (corresponding to patent application number 09/534,303).

later-filed application<sup>2</sup> listed on the Patent Assignment originally by title alone, and is also provided in Exhibit A.

Trademark Assets: Effective as of January 1, 2008, Air Products assigned the Trademark Assets to KMG Electronic by way of a trademark assignment (“Trademark Assignment”), which was duly recorded with the U.S. Patent and Trademark Office at Reel/Frame 3725/0654 on February 21, 2008. The Trademark Assignment explained the above information of October 19, 2007 and December 31, 2007, and also included as Exhibit B attached hereto. This Trademark Assignment was re-recorded with the U.S. Patent and Trademark Office at Reel/Frame 3745/0924 on March 25, 2008, to correct a typographical error in the Assignor’s name in the original cover sheet, and also included with Exhibit B.

February 20, 2017:

Patent Assets: A subsequent document was incorrectly recorded as an assignment at Reel/Frame 041772/0733, on February 20, 2017, against the Patent Assets and provided as Exhibit C (annotated to highlight the Patent Assets effected). The at-issue document recorded at Reel/Frame 041772/0733 alleges that Air Products has assigned properties including the Patent Assets to Versum Materials US, LLC by way of an assignment (“Worldwide Patent Assignment”) effective October 1, 2016, and dated February 14, 2017. The Worldwide Patent Assignment references a “Schedule A” as allegedly providing a listing of the assigned patent applications and patents. However, a copy of “Schedule A” was not provided with the submitted Worldwide Patent Assignment at Reel/Frame 041772/0733. Rather, the cover sheet of the submitted Worldwide Patent Assignment at Reel/Frame 041772/0733 alone provides a laundry list of properties for recording with Worldwide Patent Assignment, which include the Patent Assets assigned to KMG Electronic as shown in Exhibit C.

Trademark Assets: A subsequent document has been incorrectly recorded as an assignment at Reel/Frame 6006/0686, on February 21, 2017, against the Trademark Assets and provided as Exhibit D (annotated to highlight the Trademark Assets effected). The at-issue document recorded at Reel/Frame 6006/0686 alleges that Air Products has assigned properties including the Trademark Assets to Versum Materials US, LLC by way of an assignment (“Worldwide Trademark Assignment”) effective October 1, 2016, and dated February 14, 2017. The Worldwide Trademark Assignment references Schedule A as allegedly providing a listing of the assigned trademarks, which include the Trademark Assets owned and assigned to KMG Electronic as shown in Exhibit D.

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<sup>2</sup> The later-filed application is U.S. Application No. 11/752,606.

May 2020: KMG Electronic noticed the recordation of the Worldwide Patent Assignment at Reel/Frame 041772/0733 against the Patent Assets and the recordation of the Worldwide Trademark Assignment at Reel/Frame 6006/0686 against the Trademark Assets.

In accordance with MPEP § 323.01(c) and TMEP § 503.06 (c), KMG Electronic contacted Versum Materials US, LLC by letter at the business address provided on the Worldwide Patent Assignment of 8555 River Parkway, Tempe, Arizona 85284 by Federal Express on May 14, 2020 to notify Versum Materials US, LLC of the above incorrect recording and requested action to correct the record. The tracking number of the letter is 6234 7074 0556 .

Versum Materials US, LLC responded back to KMG Electronic on May 21, 2020 , by forwarding the enclosed Company Declaration as provided in Exhibit E. The Company Declaration by Versum Materials US, LLC confirms that the Worldwide Patent Assignment at Reel/Frame 041772/0733 was recorded against the Patent Assets by inadvertent mistake and confirms that Worldwide Trademark Assignment at Reel/Frame 6006/0686 was recorded against the Trademark Assets by inadvertent mistake. The Company Declaration provides “Versum Materials US, LLC respectfully requests the record” of the Patent Assets and the Trademark Assets “alone be corrected to reflect that Versum Materials US, LLC is not the owner.” A duly authorized representative of Versum Materials US, LLC, Mitchell Brustein, signed the Company Declaration on behalf of Versum Materials US, LLC on May 21, 2020.

June 2020: KMG Electronic herewith declares and affirms that KMG Electronic is the true owner of the Assets and that the Worldwide Patent Assignment and Worldwide Trademark Assignment were submitted with erroneous information. KMG Electronic herewith declares and affirms that the Assets are presently owned by KMG Electronic by way of the Patent Assignment effective January 1, 2008, noted above. KMG Electronic herewith declares and affirms that the Assets have never been reassigned as of the date of the undersigned. Accordingly, Air Products never had any authority to later assign the same assets over eight (8) years later to another company because Air Products ceased to have any rights in the Intellectual Property as of January 1, 2008.

KMG Electronic respectfully requests the record of the Assets be corrected to reflect that KMG Electronic is the rightful owner. KMG Electronic respectfully requests the Worldwide Patent Assignment at Reel/Frame 041772/0733 recorded against the Patent Assets not be considered as valid, and KMG Electronic respectfully requests the Worldwide Trademark Assignment at Reel/Frame 6006/0686 recorded against the Trademark Assets not be considered as valid.

KMG Electronic respectfully submits this Declaration of Ownership with Schedule 1 and Exhibits A-E along with the required fee per 37 § CFR 3.41 for each Asset for correction.

KMG Electronic asserts that the above information are true and accurate statements.

*[Signature page follows]*

IN WITNESS WHEREOF, the duly authorized officer of KMG Electronic has executed this Declaration of Ownership on the date as noted below.

**KMG Electronic Chemicals, Inc.**

By: Erika S. Wilson

Name: Erika S. Wilson

Title: Vice President and Assistant Secretary

Date: 6/24/2020

Notarization (optional):



**SCHEDULE 1: ASSETS**

**Patent Assets:**

1. U.S. Patent No. 6,162,370 (corresponding to patent application number 09/141,897);
2. U.S. Patent No. 6,303,514 (corresponding to patent application number 09/652,416);
3. U.S. Patent No. 6,358,899 (corresponding to patent application number 09/534,303); and
4. U.S. Application No. 11/752,606.

**Trademarks Assets:**

- |               |                  |
|---------------|------------------|
| 1. CLEANROOM  | Reg. No. 1851237 |
| 2. GIGABIT    | Reg. No. 1705722 |
| 3. TERABIT    | Reg. No. 1870262 |
| 4. ULTRA-ETCH | Reg. No. 1907795 |
| 5. PUREMAX    | Reg. No. 2607784 |

**EXHIBIT A**

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AIR PRODUCTS AND CHEMICALS, INC.	01/01/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KMG ELECTRONIC CHEMICALS, INC.
<b>Street Address:</b>	10611 Harwin Drive
<b>Internal Address:</b>	Suite 402
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77036
<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	6162370
Patent Number:	6303514
Patent Number:	6125871
Patent Number:	6358899
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)200-0458
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	(214) 651-5665
<b>Email:</b>	april.reasoner@haynesboone.com
<b>Correspondent Name:</b>	Randall E. Colson
<b>Address Line 1:</b>	Haynes and Boone, LLP
<b>Address Line 2:</b>	901 Main Street, Suite 3100
<b>Address Line 4:</b>	Dallas, TEXAS 75202
<b>ATTORNEY DOCKET NUMBER:</b>	28772.27
<b>NAME OF SUBMITTER:</b>	Randall E. Colson

**CH \$160.00 6162370**

**Total Attachments: 6**

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## PATENT ASSIGNMENT

This Patent Assignment (the "Agreement") is made effective as of January 1, 2008 (the "Effective Date"), by **AIR PRODUCTS AND CHEMICALS, INC.**, a Delaware corporation, having an address of 7201 Hamilton Boulevard, Allentown, Pennsylvania, 18195-1501 ("Assignor") and **KMG ELECTRONIC CHEMICALS, INC.**, a Texas corporation, having an address of 10611 Harwin Drive, Suite 402, Houston, Texas 77036 ("Assignee").

### RECITALS

WHEREAS, in connection with that certain Asset Purchase Agreement ("Purchase Agreement") between Assignor and KMG Chemicals, Inc. ("KMG"), dated October 19, 2007, and that certain Assignment Agreement between KMG and Assignee, dated December 31, 2007, under which KMG assigned its rights under the Purchase Agreement to Assignee, Assignor has agreed to assign all of Assignor's right, title and interest in and to the patents, patent applications and inventions listed on the attached Exhibit A, and all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions thereof, and foreign applications and counterparts with respect thereto (collectively, the "Intellectual Property"); and

WHEREAS, Assignee desires to obtain all of Assignor's right, title and interest in the Intellectual Property according to the terms of this Assignment.

NOW, THEREFORE, for \$10.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

Section 1. Assignment. Assignor hereby sells, assigns and transfers to Assignee, its successors, assigns and legal representatives, the entire right, title and interest in and to the Intellectual Property, and the right to sue for, settle, or release any past, present or future infringement thereof.

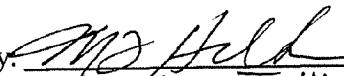
Section 2. Assistance. From time to time, as and when requested by any Assignee, Assignor shall execute and deliver, or cause to be executed and delivered, all such documents and instruments and shall take, or cause to be taken, all such further or other actions (subject to Section 5.04 of the Purchase Agreement), as Assignee may reasonably deem necessary or desirable to consummate the transactions contemplated by this Agreement, including, in the case of Seller, executing and delivering to Purchaser such assignments, deeds, bills of sale, consents and other instruments as Purchaser or its counsel may reasonably request as necessary or desirable for such purpose, provided that the taking of such action and the execution of such documents shall not otherwise increase any liability or obligation of Assignor or its affiliates under this Agreement, the Purchase Agreement or any Ancillary Agreement (as defined in the Purchase Agreement).


*[Signature page follows]*

IN WITNESS WHEREOF, Assignor and Assignee have executed this Assignment as of the Effective Date.

**AIR PRODUCTS AND CHEMICALS, INC.**

**KMG ELECTRONIC CHEMICALS, INC.**

By:   
Name: MICHAEL F. HILTON  
Title: SR. VICE PRESIDENT & GENERAL MANAGER  
ELECTRONICS & PERFORMANCE MATERIALS

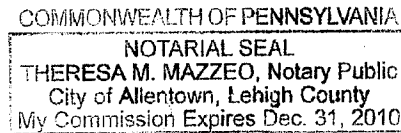
By:   
Name: J. NEAL BUTLER  
Title: PRESIDENT AND  
CHIEF EXECUTIVE OFFICER

Commonwealth of Pennsylvania )  
 )ss:  
County of Lehigh )

On this 19<sup>th</sup> day of December, 2007, personally appeared Michael F. Hilton, to me known to be Senior Vice President & General Manager – Electronics & Performance Materials of Air Products and Chemicals, Inc., the assignor above named, and acknowledged that he executed the foregoing Agreement on behalf of said assignor and pursuant to authority duly received.

Notary Public Signature

Theresa M. Mazzeo

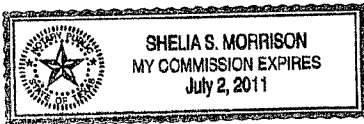


State of TEXAS )  
 )ss:  
County of HARRIS )

On this 28<sup>th</sup> day of December, 2007, personally appeared J. NEAL BUTLER, to me known to be PRESIDENT AND CHIEF EXECUTIVE OFFICER of KMG Electronic Chemicals, Inc., the assignor above named, and acknowledged that he executed the foregoing Agreement on behalf of said assignor and pursuant to authority duly received.

Notary Public Signature

Shelia S. Morrison



**EXHIBIT A**

The Inventions Disclosed In That Certain Draft Patent Application Entitled: Semiconductor Manufacture Employing Isopropanol Drying

CASE NUMBER	COUNTRY	STATUS	PATENT NUMBER/ GRANT DATE	APPLICATION NUMBER /FILING DATE	TITLE
	Japan	ABANDONE D	3101346 August 18, 2000		Polyvinyl Butyral Pellicle Compositions
	United States	ABANDONE D	Des. 369499 May 7, 1996		Combined High Density Polyethylene Bottle and Cap
	Belgium	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	Switzerland	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	European	ISSUED	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	France	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	Great Britain	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	Italy	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	South Korea	ABANDONE D	197924 February 25, 1999		Integrated Container Moulding and Filling Facility
	Liechtenstein	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	Netherlands	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	Taiwan	ABANDONE D	085119 July 15, 1997		Integrated Container Moulding and Filling Facility
	United States	ABANDONE D	5671591 September 30, 1997		Integrated Container Moulding and Filling Facility
	Austria	ABANDONE D		EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Belgium	ISSUED	0989597	EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film



					August 27, 1999	Etching a Silicon Nitride Film Composition and Method For Selectively Etching a Silicon Nitride Film
	Canada	PENDING			2279786 July 30, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Switzerland	ABANDONED			EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Germany	ISSUED	69912712.2-08		EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	European	ISSUED	0989597		EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Spain	ABANDONED			EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	France	ISSUED	0989597		EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Great Britain	ISSUED	0989597		EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Ireland	ISSUED	0989597		EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Italy	ISSUED	0989597		EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Japan	PENDING			24064799 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	South Korea	PENDING			10-1999-3577 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Malaysia	PENDING			P19902878 July 8, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Netherlands	ISSUED	0989597		EPC 99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Singapore	ISSUED	85120 February 26, 2002			Composition and Method For Selectively Etching a Silicon Nitride Film

Thailand	ISSUED			051947 July 29, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
Taiwan	ISSUED			88114499 August 25, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
United States	ISSUED	6162370 December 19, 2000			Composition and Method For Selectively Etching a Silicon Nitride Film
United States	ISSUED	6303514 October 16, 2001			Composition and Method For Selectively Etching a Silicon Nitride Film
United States	ISSUED	6125871 October 3, 2000			Valve Assembly With Flush and Sample Capability
Thailand	ABANDONED			064436 March 20, 2001	Cleaning Compositions and Use Thereof Containing Ammonium Hydroxide and Fluorosurfactant
Taiwan	ABANDONED			90106849 March 23, 2001	Cleaning Compositions and Use Thereof Containing Ammonium Hydroxide and Fluorosurfactant
United States	ISSUED	6358899 March 19, 2002			Cleaning Compositions and Use Thereof Containing Ammonium Hydroxide and Fluorosurfactant
United States	ABANDONED	6534027 March 18, 2003			Process For Producing Ammonia With Ultra-Low Metals Content
United States	ABANDONED			10/349065 January 22, 2003	Process For Producing Ammonia With Ultra-Low Metals Content
Thailand	ABANDONED			070098 November 30, 2001	Process For Producing Ammonia With Ultra-Low Metals Content
WIPO	NATIONAL			PCT US01/44100 November 27, 2001	Process For Producing Ammonia With Ultra-Low Metals Content
USA		Patent application to be filed soon			SEMICONDUCTOR MANUFACTURE EMPLOYING ISOPROPANOL DRYING

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AIR PRODUCTS AND CHEMICALS, INC.	01/01/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KMG ELECTRONIC CHEMICALS, INC.
<b>Street Address:</b>	10611 Harwin Drive, Suite 402
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77036
<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	6162370
Patent Number:	6303514
Patent Number:	6125871
Application Number:	11752606
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)238-8008
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>
<b>Phone:</b>	713-238-8000
<b>Email:</b>	lmcbyde@conleyrose.com
<b>Correspondent Name:</b>	Jonathan Pierce
<b>Address Line 1:</b>	600 Travis, Suite 7100
<b>Address Line 4:</b>	Houston, TEXAS 77002
<b>ATTORNEY DOCKET NUMBER:</b>	2711-00100
<b>NAME OF SUBMITTER:</b>	Jonathan Pierce

**CH \$160.00 6162370**

Total Attachments: 6

**TRADEMARK**  
**REEL: 006980 FRAME: 0536**

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## PATENT ASSIGNMENT

This Patent Assignment (the "Agreement") is made effective as of January 1, 2008 (the "Effective Date"), by **AIR PRODUCTS AND CHEMICALS, INC.**, a Delaware corporation, having an address of 7201 Hamilton Boulevard, Allentown, Pennsylvania, 18195-1501 ("Assignor") and **KMG ELECTRONIC CHEMICALS, INC.**, a Texas corporation, having an address of 10611 Harwin Drive, Suite 402, Houston, Texas 77036 ("Assignee").

### RECITALS

WHEREAS, in connection with that certain Asset Purchase Agreement ("Purchase Agreement") between Assignor and KMG Chemicals, Inc. ("KMG"), dated October 19, 2007, and that certain Assignment Agreement between KMG and Assignee, dated December 31, 2007, under which KMG assigned its rights under the Purchase Agreement to Assignee, Assignor has agreed to assign all of Assignor's right, title and interest in and to the patents, patent applications and inventions listed on the attached Exhibit A, and all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions thereof, and foreign applications and counterparts with respect thereto (collectively, the "Intellectual Property"); and

WHEREAS, Assignee desires to obtain all of Assignor's right, title and interest in the Intellectual Property according to the terms of this Assignment.

NOW, THEREFORE, for \$10.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

Section 1. Assignment. Assignor hereby sells, assigns and transfers to Assignee, its successors, assigns and legal representatives, the entire right, title and interest in and to the Intellectual Property, and the right to sue for, settle, or release any past, present or future infringement thereof.


Section 2. Assistance. From time to time, as and when requested by any Assignee, Assignor shall execute and deliver, or cause to be executed and delivered, all such documents and instruments and shall take, or cause to be taken, all such further or other actions (subject to Section 5.04 of the Purchase Agreement), as Assignee may reasonably deem necessary or desirable to consummate the transactions contemplated by this Agreement, including, in the case of Seller, executing and delivering to Purchaser such assignments, deeds, bills of sale, consents and other instruments as Purchaser or its counsel may reasonably request as necessary or desirable for such purpose, provided that the taking of such action and the execution of such documents shall not otherwise increase any liability or obligation of Assignor or its affiliates under this Agreement, the Purchase Agreement or any Ancillary Agreement (as defined in the Purchase Agreement).

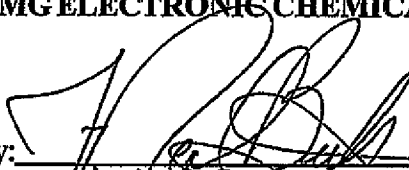
*[Signature page follows]*

IN WITNESS WHEREOF, Assignor and Assignee have executed this Assignment as of the Effective Date.

AIR PRODUCTS AND CHEMICALS, INC.

KMG ELECTRONIC CHEMICALS, INC.

By:   
Name: MICHAEL F. HILTON  
Title: SR. VICE PRESIDENT & GENERAL MANAGER  
ELECTRONICS & PERFORMANCE MATERIALS

By:   
Name: J. NEAL BUTLER  
Title: PRESIDENT AND  
CHIEF EXECUTIVE OFFICER

Commonwealth of Pennsylvania )  
County of Lehigh )ss:  
)

On this 19<sup>th</sup> day of December, 2007, personally appeared Michael F. Hilton, to me known to be Senior Vice President & General Manager – Electronics & Performance Materials of Air Products and Chemicals, Inc., the assignor above named, and acknowledged that he executed the foregoing Agreement on behalf of said assignor and pursuant to authority duly received.

Notary Public Signature

*Theresa M. Mazzeo*

State of TEXAS )  
County of HARRIS )ss:  
)

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
THERESA M. MAZZEO, Notary Public  
City of Allentown, Lehigh County  
My Commission Expires Dec. 31, 2010

On this 20<sup>th</sup> day of December, 2007, personally appeared J. NEAL BUTLER, to me known to be PRESIDENT AND CHIEF EXECUTIVE OFFICER of KMG Electronic Chemicals, Inc., the assignor above named, and acknowledged that he executed the foregoing Agreement on behalf of said assignor and pursuant to authority duly received.

Notary Public Signature

*Shelia S. Morrison*



**EXHIBIT A**

The Inventions Disclosed In That Certain Draft Patent Application Entitled: Semiconductor Manufacture Employing Isopropanol Drying

CASE NUMBER	COUNTRY	STATUS	PATENT NUMBER/ GRANT DATE	APPLICATION NUMBER / FILING DATE	TITLE
	Japan	ABANDONE D	3101346 August 18, 2000		Polyvinyl Butyral Pellicle Compositions
	United States	ABANDONE D	Des. 369499 May 7, 1996		Combined High-Density Polyethylene Bottle and Cap
	Belgium	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	Switzerland	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	European	ISSUED	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	France	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	Great Britain	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	Italy	ABANDONE D	741080 March 10, 1999		Integrated Container Moulding and Filling Facility
	South Korea	ABANDONE D	197924 February 25, 1999		Integrated Container Moulding and Filling Facility
	Liechtenstein	ABANDONE D	741080		Integrated Container Moulding and Filling Facility
	Netherlands	ABANDONE D	741080		Integrated Container Moulding and Filling Facility
	Taiwan	ABANDONE D	083119 July 15, 1997		Integrated Container Moulding and Filling Facility
	United States	ABANDONE D	5671591 September 30, 1997		Integrated Container Moulding and Filling Facility
	Austria	ABANDONE D		EP:99116743.8 August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
	Belgium	ISSUED	0289597	EP:99116743.8	Composition and Method For Selectively



				August 27, 1999	Etching a Silicon Nitride Film Composition and Method For Selectively Etching a Silicon Nitride Film
Canada	PENDING			2279786	Composition and Method For Selectively Etching a Silicon Nitride Film
Switzerland	ABANDONED			July 30, 1999 EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film
Germany	ISSUED	699127122-08		August 27, 1999 EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film
European	ISSUED	0989597		August 27, 1999 EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film
Spain	ABANDONED			August 27, 1999 EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film
France	ISSUED	0989597		August 27, 1999 EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film
Great Britain	ISSUED	0989597		August 27, 1999 EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film
Ireland	ISSUED	0989597		August 27, 1999 EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film
Italy	ISSUED	0989597		August 27, 1999 EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film
Japan	PENDING			August 27, 1999 24964799	Composition and Method For Selectively Etching a Silicon Nitride Film
South Korea	PENDING			August 27, 1999 10-1999-3577	Composition and Method For Selectively Etching a Silicon Nitride Film
Malaysia	PENDING			August 27, 1999 PI9902878	Composition and Method For Selectively Etching a Silicon Nitride Film
Netherlands	ISSUED	0989597		July 8, 1999 EPC 99116743.8	Composition and Method For Selectively Etching a Silicon Nitride Film
Singapore	ISSUED	83120 February 26, 2002		August 27, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film

Thailand	ISSUED		051947 July 29, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
Taiwan	ISSUED		88114499 August 25, 1999	Composition and Method For Selectively Etching a Silicon Nitride Film
United States	ISSUED	6162370 December 19, 2000		Composition and Method For Selectively Etching a Silicon Nitride Film
United States	ISSUED	6305314 October 16, 2001		Composition and Method For Selectively Etching a Silicon Nitride Film
United States	ISSUED	6123871 October 3, 2000		Valve Assembly With Flush and Sample Capability
Thailand	ABANDONE D		064436 March 20, 2001	Cleaning Compositions and Use Thereof Containing Ammonium Hydroxide and Fluorosurfactant
Taiwan	ABANDONE D		90106849 March 23, 2001	Cleaning Compositions and Use Thereof Containing Ammonium Hydroxide and Fluorosurfactant
United States	ISSUED	6358899 March 19, 2002		Cleaning Compositions and Use Thereof Containing Ammonium Hydroxide and Fluorosurfactant
United States	ABANDONE D	6534027 March 18, 2003		Process For Producing Ammonia With Ultra-Low Metals Content
United States	ABANDONE D		10349065 January 22, 2003	Process For Producing Ammonia With Ultra-Low Metals Content
Thailand	ABANDONE D		070098 November 30, 2001	Process For Producing Ammonia With Ultra-Low Metals Content
WIPO	NATIONAL		PCT US01/44100 November 27, 2001	Process For Producing Ammonia With Ultra-Low Metals Content
USA		Patent application to be filed soon		SEMICONDUCTOR MANUFACTURE EMPLOYING ISOPROPANOL DRYING

**EXHIBIT B**

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
AIR PRODUCTS AND CHEMICAL, INC.		01/01/2008	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	KMG ELECTRONIC CHEMICALS, INC.
Street Address:	10611 Harwin Drive
Internal Address:	Suite 402
City:	Houston
State/Country:	TEXAS
Postal Code:	77036
Entity Type:	CORPORATION: TEXAS

PROPERTY NUMBERS Total: 7

Property Type	Number	Word Mark
Registration Number:	1851237	CLEANROOM
Registration Number:	1705722	GIGABIT
Registration Number:	1306702	SUMMA-CLEAN
Registration Number:	1316373	SUMMA-DEVELOP
Registration Number:	1870262	TERABIT
Registration Number:	1907795	ULTRA-ETCH
Registration Number:	2607784	PUREMAX

CORRESPONDENCE DATA

Fax Number: (214)200-0458  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: (214) 651-5665  
 Email: april.reasoner@haynesboone.com  
 Correspondent Name: Randall E. Colson

CH \$190.00 1851237

Address Line 1: Haynes and Boone, LLP  
Address Line 2: 901 Main Street, Suite 3100  
Address Line 4: Dallas, TEXAS 75202

ATTORNEY DOCKET NUMBER: 28772.27

NAME OF SUBMITTER: Randall E. Colson

Signature: /Randall E. Colson/

Date: 02/21/2008

Total Attachments: 8  
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## TRADEMARK ASSIGNMENT

This Trademark Assignment (the "Agreement") is made effective as of January 1, 2008 (the "Effective Date"), by **AIR PRODUCTS AND CHEMICALS, INC.**, a Delaware corporation, having an address of 7201 Hamilton Boulevard, Allentown, Pennsylvania, 18195-1501 ("Assignor") and **KMG ELECTRONIC CHEMICALS, INC.**, a Texas corporation, having an address of 10611 Harwin Drive, Suite 402, Houston, Texas 77036 ("Assignee").

### RECITALS

WHEREAS, in connection with that certain Asset Purchase Agreement ("Purchase Agreement") between Assignor and KMG Chemicals, Inc. ("KMG"), dated October 19, 2007, and that certain Assignment Agreement between KMG and Assignee, dated December 31, 2007, under which KMG assigned its rights under the Purchase Agreement to Assignee, Assignor has agreed to assign all of Assignor's right, title and interest in and to the trademarks, trademark applications and trademark registrations listed on the attached Exhibit A (the "Trademarks"); and

WHEREAS, Assignee desires to obtain, all right, title and interest in the Trademarks according to the terms of this Agreement.

NOW, THEREFORE, for \$10.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

Section 1. Assignment. Assignor hereby sells, assigns and transfers to Assignee, its successors, assigns and legal representatives, the entire world wide right, title and interest in and to the Trademarks, the goodwill of the business symbolized by the Trademarks, all registrations and pending applications for the Trademarks, and the right to sue for, settle, or release any past, present, or future infringement of the Trademarks.

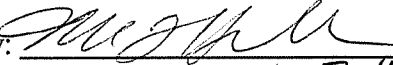
Section 2. Assistance. From time to time, as and when requested by any Assignee, Assignor shall execute and deliver, or cause to be executed and delivered, all such documents and instruments and shall take, or cause to be taken, all such further or other actions (subject to Section 5.04 of the Purchase Agreement), as Assignee may reasonably deem necessary or desirable to consummate the transactions contemplated by this Agreement, including, in the case of Seller, executing and delivering to Purchaser such assignments, deeds, bills of sale, consents and other instruments as Purchaser or its counsel may reasonably request as necessary or desirable for such purpose, provided that the taking of such action and the execution of such documents shall not otherwise increase any liability or obligation of Assignor or its affiliates under this Agreement, the Purchase Agreement or any Ancillary Agreement (as defined in the Purchase Agreement).


*[Signature page follows]*

IN WITNESS WHEREOF, Assignor and Assignee have executed this Assignment as of the Effective Date.

**AIR PRODUCTS AND CHEMICALS, INC.**

**KMG ELECTRONIC CHEMICALS, INC.**

By:   
Name: MICHAEL F. HILTON  
Title: SR. VICE PRESIDENT & GENERAL  
MANAGER - ELECTRONICS -  
PERFORMANCE MATERIALS

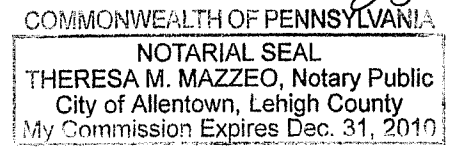
By:   
Name: S. NEAL BUTLER  
Title: PRESIDENT AND  
CHIEF EXECUTIVE OFFICER

Commonwealth of Pennsylvania )  
 )ss:  
County of Lehigh )

On this 19<sup>th</sup> day of December, 2007, personally appeared Michael F. Hilton, to me known to be Senior Vice President & General Manager – Electronics & Performance Materials of Air Products and Chemicals, Inc., the assignor above named, and acknowledged that he executed the foregoing Agreement on behalf of said assignor and pursuant to authority duly received.

Notary Public Signature

*Theresa M. Mazzeo*



State of TEXAS )  
 )ss:  
County of HARRIS )

On this 28<sup>th</sup> day of December, 2007, personally appeared S. NEAL BUTLER, to me known to be PRESIDENT AND CHIEF EXECUTIVE OFFICER of KMG Electronic Chemicals, Inc., the assignor above named, and acknowledged that he executed the foregoing Agreement on behalf of said assignor and pursuant to authority duly received.

Notary Public Signature

*Shelia S. Morrison*

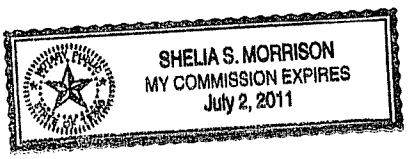




EXHIBIT A

TRADEMARKS

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appl. No.</u>	<u>Reg. Date</u>
CLEANROOM	Austria	Registered	154497	9/21/94
CLEANROOM	Benelux	Registered	545544	5/20/94
CLEANROOM	Canada	Registered	468800	1/15/97
CLEANROOM	China	Registered	356034	7/30/89
CLEANROOM	France	Registered	94521801	10/28/94
CLEANROOM	Hong Kong	Registered	11372	9/5/95
CLEANROOM	Ireland, Republic of	Registered	160779	5/26/94
CLEANROOM	Israel	Registered	T92898	6/2/96
CLEANROOM	Japan	Registered	3225197	11/29/96
CLEANROOM	Korea, South	Registered	181590	10/19/89
CLEANROOM	Mexico	Registered	471197	6/8/94
CLEANROOM	Russian Federation	Registered	143773	6/28/96
CLEANROOM	Singapore	Registered	T91/10366Z	11/20/91
CLEANROOM	Spain	Registered	1906048	12/5/94
CLEANROOM	Sweden	Registered	264833	3/3/95
CLEANROOM	Switzerland	Registered	421044	5/24/94
CLEANROOM	Taiwan	Registered	542860	12/1/91
CLEANROOM	Thailand	Registered	130209	10/18/89
CLEANROOM	Turkey	Registered	152538	6/3/94
CLEANROOM	United States	Registered	1851237	8/30/94
CLEANROOM	India	Pending	630690	
CLEANROOM	Malaysia	Pending	9100261	

**TRADEMARK REGISTRATIONS AND APPLICATIONS FOR GIGABIT**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
GIGABIT	Austria	Registered	154496	9/21/94
GIGABIT	Benelux	Registered	532849	9/24/93
GIGABIT	Canada	Registered	478816	7/21/97
GIGABIT	China	Registered	900111	11/21/96
GIGABIT	France	Registered	92424140	12/4/92
GIGABIT	Germany	Registered	2043659	8/31/93
GIGABIT	Hong Kong	Registered	375/1994	1/24/94
GIGABIT	India	Registered	630693	11/15/01
GIGABIT	Ireland, Republic of	Registered	149826	6/25/92
GIGABIT	Israel	Registered	83384	8/3/94
GIGABIT	Italy	Registered	649065	4/21/95
GIGABIT	Korea, South	Registered	266140	6/16/93
GIGABIT	Malaysia	Registered	9204095	6/18/92
GIGABIT	Mexico	Registered	471196	6/8/94
GIGABIT	Russian Federation	Registered	143774	6/28/96
GIGABIT	Singapore	Registered	4868/92	6/29/92
GIGABIT	Sweden	Registered	265346	3/24/95
GIGABIT	Switzerland	Registered	421045	5/24/94
GIGABIT	Taiwan	Registered	593186	4/16/93
GIGABIT	Thailand	Registered	KOR47345	7/23/96
GIGABIT	Turkey	Registered	152530	6/3/94
GIGABIT	United Kingdom	Registered	1500777	5/21/93
GIGABIT	United States	Registered	1705722	8/4/92

**TRADEMARK REGISTRATIONS AND APPLICATIONS FOR SUMMA-CLEAN**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
SUMMA-CLEAN	China	Registered	912062	12/14/96
SUMMA-CLEAN	Germany	Registered	2093682	3/27/95
SUMMA-CLEAN	Israel	Registered	92901	4/15/97
SUMMA-CLEAN	Malaysia	Registered	9404486	6/6/94
SUMMA-CLEAN	Mexico	Registered	471195	6/8/94
SUMMA-CLEAN	Russian Federation	Registered	144536	7/22/96
SUMMA-CLEAN	Spain	Registered	1906050	12/5/94
SUMMA-CLEAN	Taiwan	Registered	715992	5/16/96
SUMMA-CLEAN	United States	Registered	1306702	11/26/84
SUMMA-CLEAN	India	Pending	630691	

**TRADEMARK REGISTRATIONS AND APPLICATIONS FOR SUMMA-DEVELOP**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
SUMMA-DEVELOP	China	Registered	900114	11/21/96
SUMMA-DEVELOP	Germany	Registered	2093681	3/27/95
SUMMA-DEVELOP	Israel	Registered	92900	6/3/98
SUMMA-DEVELOP	Malaysia	Registered	94/04487	6/6/94
SUMMA-DEVELOP	Mexico	Registered	471194	6/8/94
SUMMA-DEVELOP	Russian Federation	Registered	143040	10/2/96
SUMMA-DEVELOP	Spain	Registered	1906049	12/5/94
SUMMA-DEVELOP	Taiwan	Registered	701915	1/1/96
SUMMA-DEVELOP	United States	Registered	1316373	1/29/85
SUMMA-DEVELOP	India	Pending	630692	

**TRADEMARK REGISTRATIONS AND APPLICATIONS FOR TERABIT**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
TERABIT	Austria	Registered	156503	1/31/95
TERABIT	Benelux	Registered	539300	7/1/94
TERABIT	France	Registered	94504450	2/2/94
TERABIT	Germany	Registered	39405061	9/27/95
TERABIT	Hong Kong	Registered	04829	5/27/96
TERABIT	Indonesia	Registered	354765	2/29/96
TERABIT	Ireland, Republic of	Registered	164300	11/7/94
TERABIT	Israel	Registered	91193	12/3/95
TERABIT	Italy	Registered	698393	12/23/96
TERABIT	Korea, South	Registered	331525	1/16/96
TERABIT	Malaysia	Registered	9401926	3/21/94
TERABIT	Russian Federation	Registered	156539	9/22/97
TERABIT	Singapore	Registered	1013/94	2/4/94
TERABIT	Switzerland	Registered	426482	11/18/94
TERABIT	Taiwan	Registered	660662	11/16/94
TERABIT	Thailand	Registered	KOR32839	8/11/95
TERABIT	Turkey	Registered	156372	12/13/94
TERABIT	United States	Registered	1870262	12/27/94
TERABIT	China	Registered	1254047	3/14/99
TERABIT	Phillippines	Registered	41995101849	7/24/00

**TRADEMARK REGISTRATIONS AND APPLICATIONS FOR ULTRA-ETCH**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
ULTRA-ETCH	Austria	Registered	154495	9/21/94
ULTRA-ETCH	Benelux	Registered	544700	5/20/94
ULTRA-ETCH	China	Registered	900110	11/21/96
ULTRA-ETCH	France	Registered	94521799	10/28/94
ULTRA-ETCH	Germany	Registered	2913621	3/25/97
ULTRA-ETCH	Hong Kong	Registered	B04986	5/5/97
ULTRA-ETCH	Ireland, Republic of	Registered	161664	5/26/94
ULTRA-ETCH	Israel	Registered	T92899	5/8/97
ULTRA-ETCH	Russian Federation	Registered	144537	7/22/96
ULTRA-ETCH	Sweden	Registered	265999	4/7/95
ULTRA-ETCH	Switzerland	Registered	421046	5/24/94
ULTRA-ETCH	Thailand	Registered	KOR52009	11/11/96
ULTRA-ETCH	Turkey	Registered	152537	6/3/94
ULTRA-ETCH	United States	Registered	1907795	7/25/95
ULTRA-ETCH	Philippines	Registered	66338	11/4/98
ULTRA-ETCH	India	Pending	630689	
ULTRA-ETCH	Malaysia	Pending	9404488	

**MISCELLANEOUS TRADEMARK REGISTRATIONS AND APPLICATIONS**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
PUREMAX	United States	Registered	2607784	8/13/02

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the name of Assignor previously recorded on Reel 003725 Frame 0654. Assignor(s) hereby confirms the Assignment.

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
AIR PRODUCTS AND CHEMICALS, INC.		01/01/2008	CORPORATION: DELAWARE

**RECEIVING PARTY DATA**

<b>Name:</b>	KMG ELECTRONIC CHEMICALS, INC.
<b>Street Address:</b>	10611 Harwin Drive
<b>Internal Address:</b>	Suite 402
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77036
<b>Entity Type:</b>	CORPORATION: TEXAS

**PROPERTY NUMBERS Total: 7**

Property Type	Number	Word Mark
Registration Number:	1851237	CLEANROOM
Registration Number:	1705722	GIGABIT
Registration Number:	1306702	SUMMA-CLEAN
Registration Number:	1316373	SUMMA-DEVELOP
Registration Number:	1870262	TERABIT
Registration Number:	1907795	ULTRA-ETCH
Registration Number:	2607784	PUREMAX

**CORRESPONDENCE DATA**

Fax Number: (214)200-0458  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: (214) 651-5665  
 Email: april.reasoner@haynesboone.com

CH \$190.00 1851237

Correspondent Name: Randall E. Colson  
Address Line 1: Haynes and Boone, LLP  
Address Line 2: 901 Main Street, Suite 3100  
Address Line 4: Dallas, TEXAS 75202

ATTORNEY DOCKET NUMBER:	97900.50
NAME OF SUBMITTER:	Randall E. Colson
Signature:	/Randall E. Colson/
Date:	03/25/2008

**Total Attachments: 12**

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**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

**02/21/2008**  
**900099647**

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
AIR PRODUCTS AND CHEMICAL, INC.		01/01/2008	CORPORATION: DELAWARE

**RECEIVING PARTY DATA**

<b>Name:</b>	KMG ELECTRONIC CHEMICALS, INC.
<b>Street Address:</b>	10611 Harwin Drive
<b>Internal Address:</b>	Sulte 402
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77036
<b>Entity Type:</b>	CORPORATION: TEXAS

**PROPERTY NUMBERS Total: 7**

Property Type	Number	Word Mark
Registration Number:	1851237	CLEANROOM
Registration Number:	1705722	GIGABIT
Registration Number:	1306702	SUMMA-CLEAN
Registration Number:	1316373	SUMMA-DEVELOP
Registration Number:	1870262	TERABIT
Registration Number:	1907795	ULTRA-ETCH
Registration Number:	2607784	PUREMAX

**CORRESPONDENCE DATA**

Fax Number: (214)200-0458  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: (214) 651-5665  
 Email: april.reasoner@haynesboone.com  
 Correspondent Name: Randall E. Colson

CH \$190.00 1851237



Address Line 1: Haynes and Boone, LLP	
Address Line 2: 901 Main Street, Suite 3100	
Address Line 4: Dallas, TEXAS 75202	
ATTORNEY DOCKET NUMBER:	28772.27
NAME OF SUBMITTER:	Randall E. Colson
Signature:	/Randall E. Colson/
Date:	02/21/2008
Total Attachments: 8 source=KMG TM Assignment#page1.tif source=KMG TM Assignment#page2.tif source=KMG TM Assignment#page3.tif source=KMG TM Assignment#page4.tif source=KMG TM Assignment#page5.tif source=KMG TM Assignment#page6.tif source=KMG TM Assignment#page7.tif source=KMG TM Assignment#page8.tif	

## TRADEMARK ASSIGNMENT

This Trademark Assignment (the "Agreement") is made effective as of January 1, 2008 (the "Effective Date"), by **AIR PRODUCTS AND CHEMICALS, INC.**, a Delaware corporation, having an address of 7201 Hamilton Boulevard, Allentown, Pennsylvania, 18195-1501 ("Assignor") and **KMG ELECTRONIC CHEMICALS, INC.**, a Texas corporation, having an address of 10611 Harwin Drive, Suite 402, Houston, Texas 77036 ("Assignee").

### RECITALS

WHEREAS, in connection with that certain Asset Purchase Agreement ("Purchase Agreement") between Assignor and KMG Chemicals, Inc. ("KMG"), dated October 19, 2007, and that certain Assignment Agreement between KMG and Assignee, dated December 31, 2007, under which KMG assigned its rights under the Purchase Agreement to Assignee, Assignor has agreed to assign all of Assignor's right, title and interest in and to the trademarks, trademark applications and trademark registrations listed on the attached Exhibit A (the "Trademarks"); and

WHEREAS, Assignee desires to obtain, all right, title and interest in the Trademarks according to the terms of this Agreement.

NOW, THEREFORE, for \$10.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

Section 1. Assignment. Assignor hereby sells, assigns and transfers to Assignee, its successors, assigns and legal representatives, the entire world wide right, title and interest in and to the Trademarks, the goodwill of the business symbolized by the Trademarks, all registrations and pending applications for the Trademarks, and the right to sue for, settle, or release any past, present, or future infringement of the Trademarks.

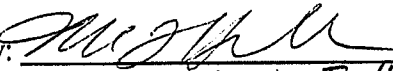
Section 2. Assistance. From time to time, as and when requested by any Assignee, Assignor shall execute and deliver, or cause to be executed and delivered, all such documents and instruments and shall take, or cause to be taken, all such further or other actions (subject to Section 5.04 of the Purchase Agreement), as Assignee may reasonably deem necessary or desirable to consummate the transactions contemplated by this Agreement, including, in the case of Seller, executing and delivering to Purchaser such assignments, deeds, bills of sale, consents and other instruments as Purchaser or its counsel may reasonably request as necessary or desirable for such purpose, provided that the taking of such action and the execution of such documents shall not otherwise increase any liability or obligation of Assignor or its affiliates under this Agreement, the Purchase Agreement or any Ancillary Agreement (as defined in the Purchase Agreement).


*[Signature page follows]*

IN WITNESS WHEREOF, Assignor and Assignee have executed this Assignment as of the Effective Date.

**AIR PRODUCTS AND CHEMICALS, INC.**

**KMG ELECTRONIC CHEMICALS, INC.**

By:   
Name: MICHAEL F. HILTON  
Title: SR. VICE PRESIDENT & GENERAL  
MANAGER - ELECTRONICS -  
PERFORMANCE MATERIALS

By:   
Name: J. NEAL BUTLER  
Title: PRESIDENT AND  
CHIEF EXECUTIVE OFFICER

Commonwealth of Pennsylvania )  
 )ss:  
County of Lehigh )

On this 19<sup>th</sup> day of December, 2007, personally appeared Michael F. Hilton, to me known to be Senior Vice President & General Manager – Electronics & Performance Materials of Air Products and Chemicals, Inc., the assignor above named, and acknowledged that he executed the foregoing Agreement on behalf of said assignor and pursuant to authority duly received.

Notary Public Signature

*Theresa M. Mazzeo*

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
THERESA M. MAZZEO, Notary Public  
City of Allentown, Lehigh County  
My Commission Expires Dec. 31, 2010

State of TEXAS )  
 )ss:  
County of HARRIS )

On this 28<sup>th</sup> day of December, 2007, personally appeared S. NEAL BUTLER, to me known to be PRESIDENT AND CHIEF EXECUTIVE OFFICER of KMG Electronic Chemicals, Inc., the assignor above named, and acknowledged that he executed the foregoing Agreement on behalf of said assignor and pursuant to authority duly received.

Notary Public Signature

*Shelia S. Morrison*

SHELIA S. MORRISON  
MY COMMISSION EXPIRES  
July 2, 2011

**EXHIBIT A**  
**TRADEMARKS**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
CLEANROOM	Austria	Registered	154497	9/21/94
CLEANROOM	Benelux	Registered	545544	5/20/94
CLEANROOM	Canada	Registered	468800	1/15/97
CLEANROOM	China	Registered	356034	7/30/89
CLEANROOM	France	Registered	94521801	10/28/94
CLEANROOM	Hong Kong	Registered	11372	9/5/95
CLEANROOM	Ireland, Republic of	Registered	160779	5/26/94
CLEANROOM	Israel	Registered	T92898	6/2/96
CLEANROOM	Japan	Registered	3225197	11/29/96
CLEANROOM	Korea, South	Registered	181590	10/19/89
CLEANROOM	Mexico	Registered	471197	6/8/94
CLEANROOM	Russian Federation	Registered	143773	6/28/96
CLEANROOM	Singapore	Registered	T91/10366Z	11/20/91
CLEANROOM	Spain	Registered	1906048	12/5/94
CLEANROOM	Sweden	Registered	264833	3/3/95
CLEANROOM	Switzerland	Registered	421044	5/24/94
CLEANROOM	Taiwan	Registered	542860	12/1/91
CLEANROOM	Thailand	Registered	130209	10/18/89
CLEANROOM	Turkey	Registered	152538	6/3/94
CLEANROOM	United States	Registered	1851237	8/30/94
CLEANROOM	India	Pending	630690	
CLEANROOM	Malaysia	Pending	9100261	

**TRADEMARK REGISTRATIONS AND APPLICATIONS FOR GIGABIT**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
GIGABIT	Austria	Registered	154496	9/21/94
GIGABIT	Benelux	Registered	532849	9/24/93
GIGABIT	Canada	Registered	478816	7/21/97
GIGABIT	China	Registered	900111	11/21/96
GIGABIT	France	Registered	92424140	12/4/92
GIGABIT	Germany	Registered	2043659	8/31/93
GIGABIT	Hong Kong	Registered	375/1994	1/24/94
GIGABIT	India	Registered	630693	11/15/01
GIGABIT	Ireland, Republic of	Registered	149826	6/25/92
GIGABIT	Israel	Registered	83384	8/3/94
GIGABIT	Italy	Registered	649065	4/21/95
GIGABIT	Korea, South	Registered	266140	6/16/93
GIGABIT	Malaysia	Registered	9204095	6/18/92
GIGABIT	Mexico	Registered	471196	6/8/94
GIGABIT	Russian Federation	Registered	143774	6/28/96
GIGABIT	Singapore	Registered	4868/92	6/29/92
GIGABIT	Sweden	Registered	265346	3/24/95
GIGABIT	Switzerland	Registered	421045	5/24/94
GIGABIT	Taiwan	Registered	593186	4/16/93
GIGABIT	Thailand	Registered	KOR47345	7/23/96
GIGABIT	Turkey	Registered	152530	6/3/94
GIGABIT	United Kingdom	Registered	1500777	5/21/93
GIGABIT	United States	Registered	1705722	8/4/92

**TRADEMARK REGISTRATIONS AND APPLICATONS FOR SUMMA-CLEAN**

<b><u>Trademark Name</u></b>	<b><u>Country</u></b>	<b><u>Status</u></b>	<b><u>Reg. No. Appln. No.</u></b>	<b><u>Reg. Date</u></b>
<i>SUMMA-CLEAN</i>	<i>China</i>	<i>Registered</i>	<i>912062</i>	<i>12/14/96</i>
<i>SUMMA-CLEAN</i>	<i>Germany</i>	<i>Registered</i>	<i>2093682</i>	<i>3/27/95</i>
<i>SUMMA-CLEAN</i>	<i>Israel</i>	<i>Registered</i>	<i>92901</i>	<i>4/15/97</i>
<i>SUMMA-CLEAN</i>	<i>Malaysia</i>	<i>Registered</i>	<i>9404486</i>	<i>6/6/94</i>
<i>SUMMA-CLEAN</i>	<i>Mexico</i>	<i>Registered</i>	<i>471195</i>	<i>6/8/94</i>
<i>SUMMA-CLEAN</i>	<i>Russian Federation</i>	<i>Registered</i>	<i>144536</i>	<i>7/22/96</i>
<i>SUMMA-CLEAN</i>	<i>Spain</i>	<i>Registered</i>	<i>1906050</i>	<i>12/5/94</i>
<i>SUMMA-CLEAN</i>	<i>Taiwan</i>	<i>Registered</i>	<i>715992</i>	<i>5/16/96</i>
<i>SUMMA-CLEAN</i>	<i>United States</i>	<i>Registered</i>	<i>1306702</i>	<i>11/26/84</i>
<i>SUMMA-CLEAN</i>	<i>India</i>	<i>Pending</i>	<i>630691</i>	

**TRADEMARK REGISTRATIONS AND APPLICATONS FOR SUMMA-DEVELOP**

<b><u>Trademark Name</u></b>	<b><u>Country</u></b>	<b><u>Status</u></b>	<b><u>Reg. No. Appln. No.</u></b>	<b><u>Reg. Date</u></b>
<i>SUMMA-DEVELOP</i>	<i>China</i>	<i>Registered</i>	<i>900114</i>	<i>11/21/96</i>
<i>SUMMA-DEVELOP</i>	<i>Germany</i>	<i>Registered</i>	<i>2093681</i>	<i>3/27/95</i>
<i>SUMMA-DEVELOP</i>	<i>Israel</i>	<i>Registered</i>	<i>92900</i>	<i>6/3/98</i>
<i>SUMMA-DEVELOP</i>	<i>Malaysia</i>	<i>Registered</i>	<i>94/04487</i>	<i>6/6/94</i>
<i>SUMMA-DEVELOP</i>	<i>Mexico</i>	<i>Registered</i>	<i>471194</i>	<i>6/8/94</i>
<i>SUMMA-DEVELOP</i>	<i>Russian Federation</i>	<i>Registered</i>	<i>143040</i>	<i>10/2/96</i>
<i>SUMMA-DEVELOP</i>	<i>Spain</i>	<i>Registered</i>	<i>1906049</i>	<i>12/5/94</i>
<i>SUMMA-DEVELOP</i>	<i>Taiwan</i>	<i>Registered</i>	<i>701915</i>	<i>1/1/96</i>
<i>SUMMA-DEVELOP</i>	<i>United States</i>	<i>Registered</i>	<i>1316373</i>	<i>1/29/85</i>
<i>SUMMA-DEVELOP</i>	<i>India</i>	<i>Pending</i>	<i>630692</i>	

**TRADEMARK REGISTRATIONS AND APPLICATONS FOR TERABIT**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
TERABIT	Austria	Registered	156503	1/31/95
TERABIT	Benelux	Registered	539300	7/1/94
TERABIT	France	Registered	94504450	2/2/94
TERABIT	Germany	Registered	39405061	9/27/95
TERABIT	Hong Kong	Registered	04829	5/27/96
TERABIT	Indonesia	Registered	354765	2/29/96
TERABIT	Ireland, Republic of	Registered	164300	11/7/94
TERABIT	Israel	Registered	91193	12/3/95
TERABIT	Italy	Registered	698393	12/23/96
TERABIT	Korea, South	Registered	331525	1/16/96
TERABIT	Malaysia	Registered	9401926	3/21/94
TERABIT	Russian Federation	Registered	156539	9/22/97
TERABIT	Singapore	Registered	1013/94	2/4/94
TERABIT	Switzerland	Registered	426482	11/18/94
TERABIT	Taiwan	Registered	660662	11/16/94
TERABIT	Thailand	Registered	KOR32839	8/11/95
TERABIT	Turkey	Registered	156372	12/13/94
TERABIT	United States	Registered	1870262	12/27/94
TERABIT	China	Registered	1254047	3/14/99
TERABIT	Phillippines	Registered	41995101849	7/24/00



**TRADEMARK REGISTRATIONS AND APPLICATIONS FOR ULTRA-ETCH**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
ULTRA-ETCH	Austria	Registered	154495	9/21/94
ULTRA-ETCH	Benelux	Registered	544700	5/20/94
ULTRA-ETCH	China	Registered	900110	11/21/96
ULTRA-ETCH	France	Registered	94521799	10/28/94
ULTRA-ETCH	Germany	Registered	2913621	3/25/97
ULTRA-ETCH	Hong Kong	Registered	B04986	5/5/97
ULTRA-ETCH	Ireland, Republic of	Registered	161664	5/26/94
ULTRA-ETCH	Israel	Registered	T92899	5/8/97
ULTRA-ETCH	Russian Federation	Registered	144537	7/22/96
ULTRA-ETCH	Sweden	Registered	265999	4/7/95
ULTRA-ETCH	Switzerland	Registered	421046	5/24/94
ULTRA-ETCH	Thailand	Registered	KOR52009	11/11/96
ULTRA-ETCH	Turkey	Registered	152537	6/3/94
ULTRA-ETCH	United States	Registered	1907795	7/25/95
ULTRA-ETCH	Philippines	Registered	66338	11/4/98
ULTRA-ETCH	India	Pending	630689	
ULTRA-ETCH	Malaysia	Pending	9404488	

**MISCELLANEOUS TRADEMARK REGISTRATIONS AND APPLICATIONS**

<u>Trademark Name</u>	<u>Country</u>	<u>Status</u>	<u>Reg. No.</u> <u>Appln. No.</u>	<u>Reg. Date</u>
PUREMAX	United States	Registered	2607784	8/13/02

**EXHIBIT C**

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4281656

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

**CONVEYING PARTY DATA**

Name	Execution Date
AIR PRODUCTS AND CHEMICALS, INC.	02/14/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	VERSUM MATERIALS US, LLC
<b>Street Address:</b>	8555 S. RIVER PARKWAY
<b>City:</b>	TEMPE
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85284

**PROPERTY NUMBERS Total: 1167**

Property Type	Number
Application Number:	13902375
Application Number:	05409589
Application Number:	05788724
Application Number:	05894114
Application Number:	05913784
Application Number:	06250505
Application Number:	06190009
Application Number:	06672773
Application Number:	06797092
Application Number:	07101222
Application Number:	07028521
Application Number:	07100382
Application Number:	07028522
Application Number:	05746923
Application Number:	05940470
Application Number:	06123563
Application Number:	06548311
Application Number:	05824375
Application Number:	06151741
Application Number:	06484198

TRADEMARK

Property Type	Number
Application Number:	06288360
Application Number:	06944189
Application Number:	06946828
Application Number:	06947914
Application Number:	06947529
Application Number:	06947913
Application Number:	06948120
Application Number:	07248686
Application Number:	07010159
Application Number:	07036979
Application Number:	06865147
Application Number:	07263487
Application Number:	07190815
Application Number:	07473503
Application Number:	07452901
Application Number:	07227966
Application Number:	07224089
Application Number:	07188089
Application Number:	07203401
Application Number:	07211484
Application Number:	07283418
Application Number:	07473546
Application Number:	07430832
Application Number:	07502209
Application Number:	07336928
Application Number:	07327281
Application Number:	07329122
Application Number:	07345379
Application Number:	07357752
Application Number:	07359245
Application Number:	07473300
Application Number:	07502092
Application Number:	07586845
Application Number:	07655708
Application Number:	07433080
Application Number:	07477289
Application Number:	07534810
Application Number:	07534811

TRADEMARK

REEL: 006980 FRAME: 0380

Property Type	Number
Application Number:	07491909
Application Number:	07616288
Application Number:	07559009
Application Number:	07572834
Application Number:	07576291
Application Number:	07585765
Application Number:	07638714
Application Number:	07636316
Application Number:	07971747
Application Number:	07635904
Application Number:	07650332
Application Number:	07762101
Application Number:	07660474
Application Number:	07877683
Application Number:	07677915
Application Number:	07677918
Application Number:	07985665
Application Number:	07779435
Application Number:	07867599
Application Number:	07738065
Application Number:	07816193
Application Number:	07764566
Application Number:	07869562
Application Number:	07777818
Application Number:	07777821
Application Number:	07898857
Application Number:	07781447
Application Number:	07891516
Application Number:	07910947
Application Number:	07982196
Application Number:	08006896
Application Number:	07958417
Application Number:	07970346
Application Number:	08798984
Application Number:	08135383
Application Number:	08032368
Application Number:	08049042
Application Number:	08097424

TRADEMARK

REEL: 006980 FRAME: 0336

Property Type	Number
Application Number:	08064185
Application Number:	08089210
Application Number:	08098496
Application Number:	08163257
Application Number:	08163254
Application Number:	08439349
Application Number:	08187422
Application Number:	08216895
Application Number:	08200890
Application Number:	08601627
Application Number:	07971875
Application Number:	07971874
Application Number:	07971876
Application Number:	07920735
Application Number:	08360845
Application Number:	08303986
Application Number:	08368571
Application Number:	08330635
Application Number:	08441499
Application Number:	08384087
Application Number:	08390612
Application Number:	08454775
Application Number:	08821484
Application Number:	08593779
Application Number:	07064268
Application Number:	08475111
Application Number:	08502508
Application Number:	08502511
Application Number:	08651311
Application Number:	08645439
Application Number:	60006890
Application Number:	60012439
Application Number:	08626030
Application Number:	08673991
Application Number:	08971545
Application Number:	08891313
Application Number:	60021676
Application Number:	08667254

**TRADEMARK**

**REEL: 006980 FRAME: 0336**

Property Type	Number
Application Number:	08667132
Application Number:	08678277
Application Number:	08939424
Application Number:	60030126
Application Number:	08798983
Application Number:	08858800
Application Number:	08735288
Application Number:	07862802
Application Number:	09046092
Application Number:	08914085
Application Number:	08741843
Application Number:	08939635
Application Number:	09415354
Application Number:	09535682
Application Number:	08939940
Application Number:	09483751
Application Number:	08964783
Application Number:	09825491
Application Number:	09907020
Application Number:	09929858
Application Number:	08944907
Application Number:	09318003
Application Number:	09009099
Application Number:	08942996
Application Number:	09138489
Application Number:	09093975
Application Number:	08941530
Application Number:	09379007
Application Number:	09020582
Application Number:	09816293
Application Number:	09201005
Application Number:	08977831
Application Number:	09309250
Application Number:	09217113
Application Number:	09481063
Application Number:	09174196
Application Number:	09799644
Application Number:	09034876

**TRADEMARK**

**REEL: 006980 FRAME: 0332**

Property Type	Number
Application Number:	09030039
Application Number:	09095818
Application Number:	09205046
Application Number:	09206427
Application Number:	09256933
Application Number:	09196452
Application Number:	09666421
Application Number:	08937407
Application Number:	09333157
Application Number:	09251083
Application Number:	09535756
Application Number:	09329417
Application Number:	07644550
Application Number:	08226318
Application Number:	09432980
Application Number:	09432724
Application Number:	09544921
Application Number:	09350074
Application Number:	09546452
Application Number:	09417668
Application Number:	09638586
Application Number:	09418084
Application Number:	09542995
Application Number:	09619604
Application Number:	09567387
Application Number:	09676426
Application Number:	10167084
Application Number:	60157866
Application Number:	09478483
Application Number:	09455999
Application Number:	09711573
Application Number:	10263254
Application Number:	10753134
Application Number:	09566075
Application Number:	09567164
Application Number:	09781855
Application Number:	09876243
Application Number:	09602933

**TRADEMARK**

**REEL: 006980 FRAME: 0338**



Property Type	Number
Application Number:	10187342
Application Number:	09546867
Application Number:	09702189
Application Number:	09791409
Application Number:	10323480
Application Number:	60194285
Application Number:	09641933
Application Number:	09675376
Application Number:	10621766
Application Number:	10942218
Application Number:	60213092
Application Number:	60215796
Application Number:	09615877
Application Number:	09782268
Application Number:	10037739
Application Number:	10768370
Application Number:	10046615
Application Number:	09761269
Application Number:	09944042
Application Number:	09676437
Application Number:	09661750
Application Number:	09783900
Application Number:	09884406
Application Number:	09767636
Application Number:	10197969
Application Number:	10357897
Application Number:	10085249
Application Number:	10016034
Application Number:	09966197
Application Number:	10052052
Application Number:	10439565
Application Number:	10016076
Application Number:	09966195
Application Number:	10607897
Application Number:	10015495
Application Number:	10179818
Application Number:	10232052
Application Number:	09938883

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REEL: 006980 FRAME: 0530

Property Type	Number
Application Number:	10245440
Application Number:	60329482
Application Number:	10029892
Application Number:	10602279
Application Number:	11872221
Application Number:	11484094
Application Number:	09345813
Application Number:	10050352
Application Number:	10102488
Application Number:	10237224
Application Number:	10101339
Application Number:	10101340
Application Number:	10680267
Application Number:	10046614
Application Number:	11104012
Application Number:	10120708
Application Number:	10191719
Application Number:	10191726
Application Number:	10192481
Application Number:	10104214
Application Number:	10253108
Application Number:	10987723
Application Number:	10155726
Application Number:	10669942
Application Number:	10150798
Application Number:	10409468
Application Number:	12115838
Application Number:	13031387
Application Number:	12115087
Application Number:	13439911
Application Number:	13286634
Application Number:	60373104
Application Number:	10243153
Application Number:	10925096
Application Number:	10158511
Application Number:	10964499
Application Number:	10278131
Application Number:	10337700

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**REEL: 006980 FRAME: 0376**

Property Type	Number
Application Number:	10238803
Application Number:	10218087
Application Number:	10339709
Application Number:	10616662
Application Number:	11520971
Application Number:	11520983
Application Number:	12846369
Application Number:	10804513
Application Number:	11940374
Application Number:	12959067
Application Number:	11484075
Application Number:	11484049
Application Number:	10253054
Application Number:	10198509
Application Number:	10410803
Application Number:	10723714
Application Number:	10253296
Application Number:	10299482
Application Number:	10687073
Application Number:	10256158
Application Number:	60384258
Application Number:	10621022
Application Number:	10350715
Application Number:	10287903
Application Number:	10413787
Application Number:	10315398
Application Number:	10914113
Application Number:	10353211
Application Number:	10654216
Application Number:	10295568
Application Number:	10624356
Application Number:	10219164
Application Number:	11140463
Application Number:	10342930
Application Number:	10404195
Application Number:	60432358
Application Number:	10730527
Application Number:	10428447

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Property Type	Number
Application Number:	11939224
Application Number:	11738187
Application Number:	10820864
Application Number:	60442183
Application Number:	10695379
Application Number:	11513950
Application Number:	09077704
Application Number:	08761563
Application Number:	10379466
Application Number:	10624357
Application Number:	12262879
Application Number:	10730506
Application Number:	10409230
Application Number:	10717050
Application Number:	10404190
Application Number:	09720663
Application Number:	10696529
Application Number:	10444217
Application Number:	60499057
Application Number:	10759666
Application Number:	11487443
Application Number:	10763365
Application Number:	60474266
Application Number:	10842503
Application Number:	10689402
Application Number:	11519476
Application Number:	10635046
Application Number:	10737203
Application Number:	10420369
Application Number:	10780183
Application Number:	10788223
Application Number:	10784377
Application Number:	10602329
Application Number:	60496187
Application Number:	60587295
Application Number:	10902778
Application Number:	10619922
Application Number:	10619911

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REEL: 006980 FRAME: 0372

Property Type	Number
Application Number:	10730505
Application Number:	11095580
Application Number:	10867068
Application Number:	60507224
Application Number:	10942301
Application Number:	10441242
Application Number:	10800880
Application Number:	10683232
Application Number:	10683258
Application Number:	10683231
Application Number:	11101815
Application Number:	10715916
Application Number:	10785298
Application Number:	10683233
Application Number:	11032593
Application Number:	60549251
Application Number:	11060371
Application Number:	12538510
Application Number:	10763366
Application Number:	60516565
Application Number:	10978542
Application Number:	60519507
Application Number:	10984107
Application Number:	10887561
Application Number:	11743925
Application Number:	11518802
Application Number:	60538832
Application Number:	10948277
Application Number:	11208723
Application Number:	12493751
Application Number:	11702317
Application Number:	60554638
Application Number:	11065080
Application Number:	10862851
Application Number:	10945243
Application Number:	11070994
Application Number:	07694343
Application Number:	07690110

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**REEL: 006980 FRAME: 0378**

Property Type	Number
Application Number:	07647487
Application Number:	08590883
Application Number:	08433677
Application Number:	08446435
Application Number:	08338898
Application Number:	08002122
Application Number:	08379094
Application Number:	07867854
Application Number:	08431576
Application Number:	08162429
Application Number:	08318467
Application Number:	08414042
Application Number:	08501699
Application Number:	08374205
Application Number:	08373559
Application Number:	08378489
Application Number:	08432398
Application Number:	06857841
Application Number:	07473587
Application Number:	60032588
Application Number:	09319589
Application Number:	08734354
Application Number:	08745754
Application Number:	08744013
Application Number:	08855880
Application Number:	08951424
Application Number:	09004937
Application Number:	09141897 This application number was inadvertently listed on this cover sheet
Application Number:	09652416 This application number was inadvertently listed on this cover sheet
Application Number:	09238851
Application Number:	10942290
Application Number:	09318814
Application Number:	09533114
Application Number:	09377398
Application Number:	09929158
Application Number:	09668929
Application Number:	09893968
Application Number:	10652308

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REEL: 006980 FRAME: 0370

Property Type	Number
Application Number:	12052806
Application Number:	09534303
Application Number:	09732414
Application Number:	10042612
Application Number:	11139950
Application Number:	10349065
Application Number:	09881552
Application Number:	10877305
Application Number:	12893639
Application Number:	10254785
Application Number:	11436544
Application Number:	12321730
Application Number:	14947711
Application Number:	60437826
Application Number:	10744285
Application Number:	12213141
Application Number:	10191060
Application Number:	10723737
Application Number:	10896589
Application Number:	13103597
Application Number:	13562993
Application Number:	10443867
Application Number:	10683553
Application Number:	12047655
Application Number:	11000147
Application Number:	60257928
Application Number:	10451230
Application Number:	10822804
Application Number:	10920541
Application Number:	60583924
Application Number:	60580001
Application Number:	10929755
Application Number:	60584733
Application Number:	11155654
Application Number:	13217994
Application Number:	60483147
Application Number:	11301130
Application Number:	11000148

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REEL: 006980 FRAME: 0386

Property Type	Number
Application Number:	60590628
Application Number:	10264180
Application Number:	10966803
Application Number:	60590620
Application Number:	60701348
Application Number:	60600315
Application Number:	11030503
Application Number:	10996743
Application Number:	60605584
Application Number:	60613937
Application Number:	11228223
Application Number:	10984251
Application Number:	60618813
Application Number:	60621165
Application Number:	11008069
Application Number:	11082991
Application Number:	11128515
Application Number:	10984108
Application Number:	60649490
Application Number:	11340641
Application Number:	11050562
Application Number:	11313495
Application Number:	11051140
Application Number:	60640338
Application Number:	11111452
Application Number:	11111455
Application Number:	11057446
Application Number:	60642225
Application Number:	11233110
Application Number:	60652875
Application Number:	11350322
Application Number:	11129862
Application Number:	12267790
Application Number:	13051591
Application Number:	13614387
Application Number:	14571943
Application Number:	11355420
Application Number:	60664338

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REEL: 006980 FRAME: 0386



Property Type	Number
Application Number:	11374714
Application Number:	60672290
Application Number:	11399322
Application Number:	11437326
Application Number:	11249207
Application Number:	60693205
Application Number:	11452290
Application Number:	11365290
Application Number:	11250250
Application Number:	11284193
Application Number:	11395409
Application Number:	11403749
Application Number:	60711241
Application Number:	11508427
Application Number:	11285056
Application Number:	12360588
Application Number:	60712773
Application Number:	11509223
Application Number:	11330815
Application Number:	11430614
Application Number:	60723619
Application Number:	60723822
Application Number:	11516002
Application Number:	60724757
Application Number:	11522768
Application Number:	11342414
Application Number:	11450666
Application Number:	12900530
Application Number:	60753261
Application Number:	60753260
Application Number:	11602662
Application Number:	60791840
Application Number:	11687947
Application Number:	13208418
Application Number:	60776610
Application Number:	11706243
Application Number:	11393561
Application Number:	11702742

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REEL: 006980 FRAME: 0382

Property Type	Number
Application Number:	60809255
Application Number:	11829150
Application Number:	11439554
Application Number:	12976041
Application Number:	13964658
Application Number:	60792793
Application Number:	11693707
Application Number:	13767409
Application Number:	14323008
Application Number:	60787603
Application Number:	60899679
Application Number:	11970510
Application Number:	60794820
Application Number:	11735603
Application Number:	11601486
Application Number:	11590029
Application Number:	11494412
Application Number:	11652407
Application Number:	60809085
Application Number:	11738699
Application Number:	60812560
Application Number:	11756091
Application Number:	60810534
Application Number:	11752722
Application Number:	11514650
Application Number:	60813087
Application Number:	11753153
Application Number:	13205015
Application Number:	13668545
Application Number:	60816896
Application Number:	11764485
Application Number:	11740410
Application Number:	60831161
Application Number:	11773570
Application Number:	60853014
Application Number:	11867171
Application Number:	60852758
Application Number:	11868469

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**REEL: 006980 FRAME: 0388**

Property Type	Number
Application Number:	60874653
Application Number:	11949868
Application Number:	11534336
Application Number:	12351880
Application Number:	60861327
Application Number:	11941532
Application Number:	60875200
Application Number:	60908376
Application Number:	11939109
Application Number:	14205786
Application Number:	14205601
Application Number:	11643307
Application Number:	11643519
Application Number:	13052457
Application Number:	11643309
Application Number:	11688324
Application Number:	60878027
Application Number:	60899458
Application Number:	11753073
Application Number:	11700526
Application Number:	11761447
Application Number:	60890137
Application Number:	12023552
Application Number:	60903734
Application Number:	12030186
Application Number:	13405453
Application Number:	12029831
Application Number:	11760967
Application Number:	60911970
Application Number:	12058200
Application Number:	12157631
Application Number:	60913798
Application Number:	12100824
Application Number:	60910915
Application Number:	60910965
Application Number:	60943867
Application Number:	11752606
Application Number:	60945415

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Property Type	Number
Application Number:	60945748
Application Number:	12139585
Application Number:	11941157
Application Number:	60942007
Application Number:	12126333
Application Number:	60938233
Application Number:	12113397
Application Number:	12266058
Application Number:	60941891
Application Number:	60942681
Application Number:	60942563
Application Number:	11768395
Application Number:	60986469
Application Number:	12255128
Application Number:	60975683
Application Number:	12211197
Application Number:	60956232
Application Number:	11961396
Application Number:	13721608
Application Number:	14822299
Application Number:	60968916
Application Number:	12193303
Application Number:	60968920
Application Number:	12195840
Application Number:	60968924
Application Number:	12190882
Application Number:	11944669
Application Number:	13106430
Application Number:	11944788
Application Number:	14961207
Application Number:	12190125
Application Number:	60979585
Application Number:	12244426
Application Number:	12244455
Application Number:	60985428
Application Number:	12258996
Application Number:	60990386
Application Number:	12272886

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**REEL: 006980 FRAME: 0386**

Property Type	Number
Application Number:	11945678
Application Number:	12245196
Application Number:	61012632
Application Number:	61015028
Application Number:	12038409
Application Number:	12128381
Application Number:	13109488
Application Number:	61023989
Application Number:	12355325
Application Number:	13572973
Application Number:	14603878
Application Number:	61034592
Application Number:	12394183
Application Number:	61036707
Application Number:	12400332
Application Number:	61038874
Application Number:	61074843
Application Number:	12406467
Application Number:	61044270
Application Number:	12410529
Application Number:	12192603
Application Number:	61121666
Application Number:	12575772
Application Number:	13936557
Application Number:	61051403
Application Number:	12425821
Application Number:	13156501
Application Number:	61057891
Application Number:	61058374
Application Number:	12476734
Application Number:	13624190
Application Number:	61055288
Application Number:	12437045
Application Number:	61056734
Application Number:	12470002
Application Number:	61089654
Application Number:	12540395
Application Number:	12179979

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**REEL: 006980 FRAME: 0386**

Property Type	Number
Application Number:	61080474
Application Number:	12499556
Application Number:	61080058
Application Number:	12492201
Application Number:	61088176
Application Number:	13058688
Application Number:	61086341
Application Number:	12535192
Application Number:	61097352
Application Number:	12554052
Application Number:	13359790
Application Number:	61092916
Application Number:	12504064
Application Number:	61091155
Application Number:	12464922
Application Number:	12266806
Application Number:	12257950
Application Number:	12242002
Application Number:	61121336
Application Number:	12629416
Application Number:	12388862
Application Number:	61015498
Application Number:	61118769
Application Number:	12623998
Application Number:	61116653
Application Number:	12613952
Application Number:	61109362
Application Number:	61111537
Application Number:	61113624
Application Number:	12609542
Application Number:	14070957
Application Number:	61231393
Application Number:	12841540
Application Number:	61301375
Application Number:	13015720
Application Number:	14193417
Application Number:	61159939
Application Number:	12717572

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**REEL: 006980 FRAME: 0382**

Property Type	Number
Application Number:	14204577
Application Number:	61138244
Application Number:	12624970
Application Number:	61159599
Application Number:	61140216
Application Number:	12630304
Application Number:	13930273
Application Number:	61141310
Application Number:	12632111
Application Number:	13783835
Application Number:	61141706
Application Number:	12632918
Application Number:	13561398
Application Number:	61392180
Application Number:	13251684
Application Number:	12407279
Application Number:	13350989
Application Number:	61159237
Application Number:	12702655
Application Number:	61157659
Application Number:	61169414
Application Number:	12754909
Application Number:	61238268
Application Number:	12859624
Application Number:	13936656
Application Number:	61162947
Application Number:	12730088
Application Number:	09043505
Application Number:	10683730
Application Number:	11194467
Application Number:	60023299
Application Number:	09481050
Application Number:	09226996
Application Number:	10401405
Application Number:	10689043
Application Number:	09985870
Application Number:	61177821
Application Number:	12772518

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**REEL: 006980 FRAME: 0388**

Property Type	Number
Application Number:	60514020
Application Number:	60526107
Application Number:	10972616
Application Number:	10074757
Application Number:	10619708
Application Number:	10361822
Application Number:	10393542
Application Number:	11264027
Application Number:	12419625
Application Number:	11405485
Application Number:	12232712
Application Number:	60664930
Application Number:	60792629
Application Number:	11783191
Application Number:	60674678
Application Number:	11387934
Application Number:	12352700
Application Number:	61223526
Application Number:	12797903
Application Number:	12874503
Application Number:	08911076
Application Number:	10057206
Application Number:	12431172
Application Number:	60494954
Application Number:	60494955
Application Number:	10568077
Application Number:	09757559
Application Number:	10017934
Application Number:	60509920
Application Number:	09965233
Application Number:	10665417
Application Number:	09783069
Application Number:	10783651
Application Number:	10690626
Application Number:	60509922
Application Number:	60533054
Application Number:	10534699
Application Number:	13008649

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REEL: 006980 FRAME: 0380



<b>Property Type</b>	<b>Number</b>
Application Number:	60572127
Application Number:	11132315
Application Number:	10619901
Application Number:	61182186
Application Number:	12785041
Application Number:	61183889
Application Number:	61240359
Application Number:	61240436
Application Number:	12871284
Application Number:	10690623
Application Number:	12419619
Application Number:	11212628
Application Number:	12760843
Application Number:	61307222
Application Number:	13023145
Application Number:	13466275
Application Number:	14032985
Application Number:	61241466
Application Number:	12872806
Application Number:	10333643
Application Number:	10984820
Application Number:	12201459
Application Number:	61245312
Application Number:	12881574
Application Number:	13529503
Application Number:	61301824
Application Number:	61369448
Application Number:	13016127
Application Number:	14191730
Application Number:	61247104
Application Number:	12888872
Application Number:	61247149
Application Number:	61254253
Application Number:	12904421
Application Number:	12904461
Application Number:	61251828
Application Number:	61288895
Application Number:	12964943

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**REEL: 006980 FRAME: 0396**

Property Type	Number
Application Number:	61350750
Application Number:	13114287
Application Number:	61267102
Application Number:	12950352
Application Number:	09321036
Application Number:	61286211
Application Number:	12961256
Application Number:	61286099
Application Number:	12959452
Application Number:	61289490
Application Number:	61366671
Application Number:	12969042
Application Number:	14270609
Application Number:	61307962
Application Number:	13030227
Application Number:	61289017
Application Number:	61298949
Application Number:	13009400
Application Number:	61388279
Application Number:	13236112
Application Number:	61304574
Application Number:	13014009
Application Number:	61370924
Application Number:	13187833
Application Number:	61418055
Application Number:	13299448
Application Number:	13418747
Application Number:	61353870
Application Number:	13090346
Application Number:	61354023
Application Number:	13152885
Application Number:	13363918
Application Number:	61362896
Application Number:	13171252
Application Number:	14195285
Application Number:	12964266
Application Number:	61440176
Application Number:	61358309

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REEL: 006980 FRAME: 0396

Property Type	Number
Application Number:	13154662
Application Number:	61453282
Application Number:	13414339
Application Number:	61436000
Application Number:	13348228
Application Number:	61416998
Application Number:	61530760
Application Number:	13296836
Application Number:	61473288
Application Number:	61615507
Application Number:	61804832
Application Number:	61440469
Application Number:	13362077
Application Number:	61413159
Application Number:	61427857
Application Number:	13325459
Application Number:	14530965
Application Number:	61444353
Application Number:	13353729
Application Number:	61478582
Application Number:	14113350
Application Number:	10665739
Application Number:	11496135
Application Number:	61493031
Application Number:	14122825
Application Number:	15233018
Application Number:	61546610
Application Number:	61489486
Application Number:	13473006
Application Number:	13474076
Application Number:	14291818
Application Number:	61677267
Application Number:	13949420
Application Number:	13245280
Application Number:	13352643
Application Number:	61551511
Application Number:	61531749
Application Number:	13595419

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**REEL: 006980 FRAME: 0392**

Property Type	Number
Application Number:	61539717
Application Number:	13622117
Application Number:	61536748
Application Number:	13610311
Application Number:	13475632
Application Number:	61623217
Application Number:	13857507
Application Number:	15248214
Application Number:	61587388
Application Number:	61706809
Application Number:	13738482
Application Number:	61616628
Application Number:	61617351
Application Number:	13773931
Application Number:	61591318
Application Number:	13745102
Application Number:	14940249
Application Number:	61611808
Application Number:	13795636
Application Number:	61056755
Application Number:	12474237
Application Number:	09227702
Application Number:	09884450
Application Number:	10282924
Application Number:	61608955
Application Number:	14383690
Application Number:	61609045
Application Number:	14383723
Application Number:	61618019
Application Number:	13848808
Application Number:	61654508
Application Number:	13902300
Application Number:	14511719
Application Number:	15073899
Application Number:	61645222
Application Number:	61710252
Application Number:	13832234
Application Number:	61652236

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Property Type	Number
Application Number:	61764851
Application Number:	13897967
Application Number:	15419395
Application Number:	61662698
Application Number:	13913069
Application Number:	61717152
Application Number:	61817134
Application Number:	14010748
Application Number:	61710901
Application Number:	61841596
Application Number:	14043330
Application Number:	15018564
Application Number:	61777165
Application Number:	14142087
Application Number:	61716471
Application Number:	14030657
Application Number:	14482590
Application Number:	14709609
Application Number:	15058268
Application Number:	08789229
Application Number:	09577347
Application Number:	10673347
Application Number:	61716259
Application Number:	61790810
Application Number:	13859263
Application Number:	14046261
Application Number:	61735793
Application Number:	14096388
Application Number:	61868208
Application Number:	61868632
Application Number:	14457397
Application Number:	61725863
Application Number:	61802950
Application Number:	14218578
Application Number:	61861739
Application Number:	61899560
Application Number:	13839497
Application Number:	14940612

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**REEL: 006980 FRAME: 0390**

Property Type	Number
Application Number:	61753635
Application Number:	14149318
Application Number:	61858799
Application Number:	14329323
Application Number:	61810919
Application Number:	14245403
Application Number:	14940340
Application Number:	61813950
Application Number:	14224839
Application Number:	61840940
Application Number:	14284983
Application Number:	15013224
Application Number:	14295724
Application Number:	13929346
Application Number:	14598472
Application Number:	61823625
Application Number:	14163407
Application Number:	14163518
Application Number:	15079708
Application Number:	61839536
Application Number:	14293554
Application Number:	61880261
Application Number:	14483751
Application Number:	14051969
Application Number:	14502186
Application Number:	61875956
Application Number:	61934121
Application Number:	61886406
Application Number:	14498044
Application Number:	61918943
Application Number:	62028539
Application Number:	14642831
Application Number:	14547864
Application Number:	61886383
Application Number:	14498354
Application Number:	61946164
Application Number:	14625158
Application Number:	14956748

TRADEMARK

REEL: 006980 FRAME: 0306

Property Type	Number
Application Number:	61944911
Application Number:	14560023
Application Number:	61926649
Application Number:	14567353
Application Number:	62037392
Application Number:	14820982
Application Number:	61970602
Application Number:	14661652
Application Number:	62005403
Application Number:	62136706
Application Number:	15070590
Application Number:	61982598
Application Number:	62143410
Application Number:	62156571
Application Number:	62016367
Application Number:	14744133
Application Number:	62080281
Application Number:	62024046
Application Number:	14790966
Application Number:	14466194
Application Number:	62012724
Application Number:	14732250
Application Number:	62029145
Application Number:	14800323
Application Number:	62043668
Application Number:	14823027
Application Number:	62018061
Application Number:	62037416
Application Number:	62193250
Application Number:	62359460
Application Number:	62057379
Application Number:	62061538
Application Number:	62068248
Application Number:	62074219
Application Number:	14924098
Application Number:	62073636
Application Number:	14884104
Application Number:	62081266

**TRADEMARK**

**REEL: 006980 FRAME: 0306**

Property Type	Number
Application Number:	62097647
Application Number:	14976737
Application Number:	62095857
Application Number:	14964033
Application Number:	62115264
Application Number:	15014210
Application Number:	62102319
Application Number:	62221379
Application Number:	14993128
Application Number:	15208334
Application Number:	62097408
Application Number:	14978383
Application Number:	62115729
Application Number:	15017913
Application Number:	62109381
Application Number:	62183985
Application Number:	14871233
Application Number:	62113024
Application Number:	62142546
Application Number:	62130251
Application Number:	62298611
Application Number:	62141657
Application Number:	15084169
Application Number:	62140751
Application Number:	62140570
Application Number:	15079585
Application Number:	62155794
Application Number:	62164293
Application Number:	62281658
Application Number:	15138835
Application Number:	62140846
Application Number:	15077374
Application Number:	62149548
Application Number:	15094551
Application Number:	62149155
Application Number:	15096872
Application Number:	62153213
Application Number:	15001846

TRADEMARK

REEL: 006980 FRAME: 0302



Property Type	Number
Application Number:	62160933
Application Number:	15142847
Application Number:	62171360
Application Number:	15166605
Application Number:	62222259
Application Number:	15264078
Application Number:	62233251
Application Number:	15268956
Application Number:	62180382
Application Number:	62181494
Application Number:	62201352
Application Number:	15227450
Application Number:	62196494
Application Number:	15210172
Application Number:	62199593
Application Number:	62202535
Application Number:	62266997
Application Number:	62296806
Application Number:	62451825
Application Number:	62259870
Application Number:	62300382
Application Number:	15357527
Application Number:	62217296
Application Number:	62237899
Application Number:	62270259
Application Number:	62280886
Application Number:	62286606
Application Number:	62292624
Application Number:	62300312
Application Number:	62350844
Application Number:	62316089
Application Number:	62335396
Application Number:	62364959
Application Number:	62344052
Application Number:	62344222
Application Number:	62381222
Application Number:	62357571
Application Number:	62367260

**TRADEMARK**

**REEL: 006980 FRAME: 0308**

Property Type	Number
Application Number:	62415756
Application Number:	62396410
Application Number:	62408167
Application Number:	62417619
Application Number:	62415702
Application Number:	62416302
Application Number:	62451809

**CORRESPONDENCE DATA**

Fax Number: (610)481-7083

*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: 610-481-5577

Email: versumpatents@versummaterials.com

Correspondent Name: LISA HOFFMANN

Address Line 1: 7201 HAMILTON BLVD.

Address Line 4: ALLENTOWN, PENNSYLVANIA 18195

**NAME OF SUBMITTER:** MICHAEL K. BOYER

**SIGNATURE:** /Michael K. Boyer/

**DATE SIGNED:** 02/20/2017

**Total Attachments: 3**

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## WORLDWIDE PATENT ASSIGNMENT

This WORLDWIDE PATENT ASSIGNMENT (this "Assignment") is made effective as of the 1st day of October, 2016 by Air Products and Chemicals, Inc., a Delaware corporation of the United States of America having its principal place of business at 7201 Hamilton Boulevard, Allentown, Pennsylvania 18195-1501, U.S.A. ("Assignor") to Versum Materials US, LLC, a Delaware limited liability company of the United States of America having its principal place of business at 8555 River Parkway, Tempe, Arizona 85284, U.S.A. ("Assignee").

WHEREAS, Assignor has agreed to sell, assign, transfer, convey, grant, and deliver to Assignee all of Assignor's right, title, and interest in, to, and under the patent applications and patents identified and set forth on Schedule A (the "Transferred Patents"); and

WHEREAS, Assignee has agreed to purchase from Assignor all of Assignor's right, title, and interest in, to, and under the Transferred Patents.

NOW, THEREFORE, for good and valuable consideration (including the premises and covenants set forth in this document), the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, hereby agree as follows:

1. Assignor hereby sells, assigns, transfers, conveys, grants, and delivers to Assignee, or its designees, all of Assignor's respective right, title, and interest that exist today and may exist in the future in, to, and under any and all of the following (collectively, the "Patent Rights"):

(a) the Transferred Patents;

(b) all patents and patent applications (i) to which any of the Transferred Patents directly or indirectly claims priority, (ii) for which any of the Transferred Patents directly or indirectly forms a basis for priority, and/or (iii) that directly or indirectly incorporate by reference the Transferred Patents or are directly or indirectly incorporated by reference by the Transferred Patents;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in either of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Transferred Patents and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;

**TRADEMARK**

**REEL: 006980 FRAME: 0066**

(g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Transferred Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Transferred Patents and/or any item in any of the foregoing categories (b) through (h).

2. Assignor represents, warrants and covenants that:

(a) Assignor has the full power and authority, and has obtained all third party consents, approvals, and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and

(b) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title in the Patent Rights in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests, or other encumbrances and restrictions. There are no actions, suits, investigations, claims, or proceedings threatened, pending, or in progress relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights.

3. Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest in the Patent Rights.

4. Assignor shall, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance shall include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers, and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights. Upon the condition that Assignee has provided prior written approval for Assignor's reasonable costs and expenses, Assignee shall pay Assignor's reasonable costs and expenses.

5. The terms and conditions of this Assignment of Patent Rights shall inure to the benefit of Assignee, its successors, assigns, and other legal representatives and shall be binding upon Assignor, its successors, assigns, and other legal representatives.

6. This Assignment shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania, United States of America, applicable to agreements made and to be performed entirely within such Commonwealth, without regard to the conflicts of law principles of such Commonwealth.

7. This Assignment may be executed in one or more counterparts, all of which shall be considered one and the same agreement, and shall become effective when one or more such counterparts have been signed by each of the parties and delivered to the other party.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be duly executed as of the date first above written.

**ASSIGNOR**

Dated: 14 Feb. 2017

Air Products and Chemicals, Inc.

By: [Signature]

Name: Mark L. Rodgers

Title: Assistant General Counsel--IP

**ASSIGNEE**

Dated: 14 Feb 2017

Versum Materials US, LLC

By: [Signature]

Name: Michael W. Valente

Title: Senior Vice President, General Counsel & Secretary

COMMONWEALTH OF PENNSYLVANIA:

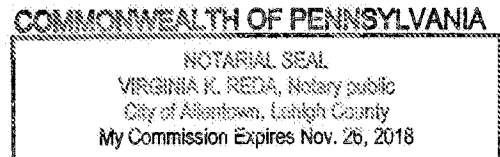
SS

COUNTY OF LEHIGH :

Sworn and subscribed before me, on this 14 day of February 2017, the signing officer, personally appeared Mark L. Rodgers and Michael W. Valente, known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within instrument, and acknowledged that each executed the same for the purposes therein contained.

In Witness Whereof, I hereunto set my hand and official seal.

[SEAL] Virginia K. Reda  
Notary



**TRADEMARK**

**EXHIBIT D**

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM418839

<b>SUBMISSION TYPE:</b>	RESUBMISSION
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL
<b>RESUBMIT DOCUMENT ID:</b>	900395718

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Air Products and Chemicals, Inc.		02/14/2017	Corporation:

**RECEIVING PARTY DATA**

<b>Name:</b>	Versum Materials US, LLC
<b>Street Address:</b>	8555 River Parkway
<b>City:</b>	Tempe
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85284
<b>Entity Type:</b>	Limited Liability Company: DELAWARE

**PROPERTY NUMBERS Total: 89**

Property Type	Number	Word Mark
Serial Number:	74469514	SELECTFLUOR
Serial Number:	76088094	DEOXO-FLUOR
Serial Number:	74472318	RESOLUTION
Serial Number:	75435279	MEGASYS
Serial Number:	75523696	GCG-CHEMPURE
Serial Number:	75827715	GCG-CHEMPURE
Serial Number:	75670551	SERVICE PLUS
Serial Number:	74178925	GASGUARD
Serial Number:	75183979	REFINERYSCOPE
Serial Number:	75187646	OUTLOOK
Serial Number:	73486994	ULTRARAY
Serial Number:	73509665	MULTIFLUOR
Serial Number:	74734062	MEGASORB
Serial Number:	75270901	MEGA-CLASS
Serial Number:	75277158	BLUE AMMONIA
Serial Number:	73824878	MEGABIT
Serial Number:	73824877	MICROPURE
Serial Number:	74001777	MICROPURE

TRADEMARK

Property Type	Number	Word Mark
Serial Number:	73652801	SOLKATRONIC
Serial Number:	73652800	SOLKATRONIC
Serial Number:	73824848	MICROPURE
Serial Number:	74001776	MICROPURE
Serial Number:	78094239	WHITE AMMONIA
Serial Number:	75808099	AQUASTRIP
Serial Number:	75814294	ACT
Serial Number:	74418487	CLEANROOM This Mark was inadvertently listed.
Serial Number:	76154810	COPPEREADY
Serial Number:	73437686	SUMMA-CLEAN
Serial Number:	73438515	SUMMA-DEVELOP
Serial Number:	75744284	SURFCHEM
Serial Number:	74430501	ULTRA-ETCH This Mark was inadvertently listed.
Serial Number:	73807980	EMT
Serial Number:	74144981	GIGABIT This Mark was inadvertently listed.
Serial Number:	75811788	HEXAKLEAN
Serial Number:	75301767	NEWSBYTES
Serial Number:	75541770	PUREMAX This Mark was inadvertently listed.
Serial Number:	74436622	TERABIT This Mark was inadvertently listed.
Serial Number:	75397263	WAFER-OX
Serial Number:	74643588	FTC
Serial Number:	74193683	EXTREMA
Serial Number:	74337720	TRANSFILL
Serial Number:	74337721	TRANS-LC
Serial Number:	74507045	SILICON MATERIAL SERVICE
Serial Number:	74522247	SILICON MATERIALS SERVICE
Serial Number:	74507046	SMS
Serial Number:	74710446	CHLOROCLEAN
Serial Number:	75062946	SCHUMACHER
Serial Number:	74683491	ULTRAFILL
Serial Number:	75196506	ECOETCH-LF
Serial Number:	75261057	LO-K
Serial Number:	75491061	VELOX
Serial Number:	75510670	CHEMGUARD
Serial Number:	75672686	POLYELK
Serial Number:	75781570	MESOELK
Serial Number:	78088551	MESOELK
Serial Number:	76012610	4MS



Property Type	Number	Word Mark
Serial Number:	78153376	OPTIYIELD
Serial Number:	78178993	FACS
Serial Number:	78204665	ASCEND
Serial Number:	78216907	OPTIPATTERN
Serial Number:	78238047	OPTIRINSE
Serial Number:	78248448	DEMS
Serial Number:	78248450	PDEMS
Serial Number:	78327967	OPTIFLUID
Serial Number:	78328028	OPTIETCH
Serial Number:	73538722	QMAC
Serial Number:	78608552	EZSTRIP
Serial Number:	77164940	VAPORGUARD
Serial Number:	77022727	SCHUMACHER
Serial Number:	77030250	FLEXTHANE
Serial Number:	77099475	AP-LTN
Serial Number:	77099484	AP-LTO
Serial Number:	77107937	NCTRL
Serial Number:	77155286	QMAC
Serial Number:	77192004	C P-LOK
Serial Number:	77470318	K-REST
Serial Number:	77501859	COM-PAT
Serial Number:	77701914	SUNSOURCE
Serial Number:	73449940	ATCOR
Serial Number:	77654826	FLOWMASTER
Serial Number:	78340731	SYTON
Serial Number:	86071786	DA NANO
Serial Number:	85821137	AP-LTS
Serial Number:	85821133	AP-LTX
Serial Number:	86674259	BULKGUARD
Serial Number:	86791924	VERSUM
Serial Number:	86841123	VERSUM MATERIALS V
Serial Number:	87093017	RESPECT THE FUTURE
Serial Number:	87205595	AP-LTX

**CORRESPONDENCE DATA**

Fax Number: 6104817083

*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: 610-481-5577

**Email:** versumpatents@versummaterials.com  
**Correspondent Name:** Michael K. Boyer  
**Address Line 1:** 7201 Hamilton Blvd.  
**Address Line 4:** Allentown, PENNSYLVANIA 18195

**ATTORNEY DOCKET NUMBER:** WORLD TRADEMARK ASSIGNMEN

**NAME OF SUBMITTER:** Michael K. Boyer

**SIGNATURE:** /Michael K. Boyer/

**DATE SIGNED:** 03/08/2017

**Total Attachments: 7**

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## WORLDWIDE TRADEMARK ASSIGNMENT

This WORLDWIDE TRADEMARK ASSIGNMENT (this "Assignment") is made effective as of the 1st day of October, 2016 by Air Products and Chemicals, Inc., a Delaware corporation of the United States of America having its principal place of business at 7201 Hamilton Boulevard, Allentown, Pennsylvania 18195-1501, U.S.A. ("Assignor") to Versum Materials US, LLC, a Delaware limited liability company of the United States of America having its principal place of business at 8555 River Parkway, Tempe, Arizona 85284, U.S.A. ("Assignee").

WHEREAS, Assignor is the sole owner of the Transferred Trademarks identified and set forth on Schedule A;

WHEREAS, Assignor has agreed to sell, assign, transfer, convey, grant, and deliver to Assignee all of Assignor's right, title, and interest in, to, and under the Transferred Trademarks; and

WHEREAS, Assignee has agreed to purchase from Assignor all of its right, title, and interest in, to, and under the Transferred Trademarks.

NOW, THEREFORE, for good and valuable consideration (including the premises and covenants set forth in this document), the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, hereby agree as follows:

Assignor hereby sells, assigns, transfers, conveys, grants, and delivers to Assignee all of Assignor's respective right, title, and interest in, to, and under the Transferred Trademarks, together with the goodwill associated therewith, including all registrations, applications, and common law rights therefor in the countries set forth on Schedule A, including any renewals and extensions of the registrations that are or may be secured under the laws of those countries, now or hereafter in effect, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns, or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made, together with all income, royalties, or payments due or payable as of the time of this assignment or thereafter, including, without limitation, all claims for damages by reason of past, present, or future infringement or other unauthorized use of the Transferred Trademarks, with the right to sue for and collect the same for Assignee's own use and enjoyment and for the use and enjoyment of its successors, assigns, or other legal representatives.

Assignor authorizes and requests the empowered officials of all Trademark Offices to transfer all registrations and applications for the Transferred Trademarks to Assignee as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct, in accordance with this instrument of assignment, and to issue to Assignee all registrations which may issue with respect to any applications for a trademark or service mark included in the Transferred Trademarks.

Assignor covenants and agrees that it will, upon the reasonable request of Assignee, execute and deliver, or cause to be executed or delivered, any and all documents provided by Assignee that may be necessary or desirable to perfect the assignment, conveyance, and transfer of the Transferred Trademarks hereunder.

This Assignment shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania, United States of America, applicable to agreements made and to be performed entirely within such Commonwealth, without regard to the conflicts of law principles of such State.

This Assignment may be executed in one or more counterparts, all of which shall be considered one and the same agreement, and shall become effective when one or more such counterparts have been signed by each of the parties and delivered to the other party.

IN WITNESS WHEREOF, Assignor and the Assignee have caused this Assignment to be duly executed as of the date first above written.

**ASSIGNOR**

Dated: 14 Feb 2017

Air Products and Chemicals, Inc.

By: [Signature]

Name: Mark L. Rodgers

Title: Assistant General Counsel--IP

**ASSIGNEE**

Dated: 14 Feb 2017

Versum Materials US, LLC

By: [Signature]

Name: Michael W. Valente

Title: Senior Vice President, General Counsel & Secretary

COMMONWEALTH OF PENNSYLVANIA :

SS

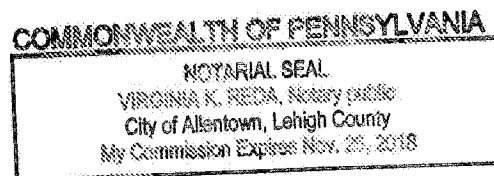
COUNTY OF LEHIGH:

Sworn and subscribed before me, on this 14 day of February 2017, the undersigned officer, personally appeared Mark L. Rodgers and Michael W. Valente, known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within instrument, and acknowledged that each executed the same for the purposes therein contained.

In Witness Whereof, I hereunto set my hand and official seal.

[SEAL]

Virginia K. Reda  
Notary Public



**SCHEDULE A**

<u>Mark Name</u>	<u>Country</u>	<u>Current Appl. No</u>	<u>Current Appl. Date</u>	<u>Current Reg No</u>	<u>Current Reg Date</u>
AIROPAK	United States	512014	12/4/1984	1347953	7/9/1985
SELECTFLUOR	United States	74469514	12/13/1993	1877305	2/7/1995
AIROGUARD	United States				
DEOXO-FLUOR	United States	76,088,094	7/14/2000	2,464,013	6/26/2001
CCA	United States	293671	1/19/1981		
HEZ	United States				
STIMUSOY	United States	289249	1/22/1968	864791	2/18/1969
RESOLUTION	United States	74472318	12/16/1993	1873485	1/17/1995
MEGASYS	United States	75435279	2/17/1998	2,282,777	10/5/1999
GCG-CHEMPURE	United States	75523696	7/23/1998		
GCG-CHEMPURE	United States	75827715	10/21/1999		
SERVICE PLUS	United States	75670551	3/29/1999	2,483,128	8/28/2001
2 THE RESCUE	United States				
GASGUARD	United States	74178925	6/21/1991	1684289	4/28/2002
REFINERY SCOPE (DESIGN)	United States	75183979	10/18/1996		
OUTLOOK	United States	75187646	10/25/1996	2117777	12/2/1997
AIROPAK	United States	768017	12/8/1988	1565620	11/14/1989
ULTRARAY	United States	73486994	6/25/1984	1353502	8/13/1985
MULTIFLUOR	United States	73509665	11/19/1984	1381942	2/11/1986
MULTIFLUOR	United States				
ULTRAFUOR	United States	752700	9/19/1988	1543147	6/13/1989
MEGASORB	United States	74734062	9/25/1995	2067876	6/3/1997
MEGA-CLASS	United States	75270901	4/8/1997	2,369,676	7/25/2000
BLUE AMMONIA	United States	75277158	4/18/1997	2152414	4/21/1998
MEGABIT	United States	73824878	9/12/1989	1614520	9/25/2000
MICROPURE	United States	73824877	9/12/1989	1824075	3/1/1994
MICROPURE AND DEVICE	United States	74001777	11/16/1989	1917161	9/5/1995
SOLKATRONIC	United States	73652801	3/31/1987	1488022	5/17/1988
SOLKATRONIC & DEVICE	United States	73652800	3/31/1987	1472757	1/19/1988
MICROPURE AND DESIGN	United States	73824848	9/12/1989	1824074	3/1/1994

<u>Mark Name</u>	<u>Country</u>	<u>Current Appl. No</u>	<u>Current Appl. Date</u>	<u>Current Reg. No</u>	<u>Current Reg. Date</u>	
MICROPURE	United States	74001776	11/16/1989	1917160	9/5/1995	
WHITE ANMONIA	United States	78094239	11/20/2001	2,837,199	4/27/2004	
AQUASTRIP	United States	75808099	9/27/1999	2,779,804	11/4/2003	
ACT	United States	75814294	10/4/1999	2,371,286	7/25/2000	
CLEANROOM	United States	74418487	7/19/1993	1,851,237	8/30/1994	"CLEANROOM"
COPPEREADY	United States	76154810	10/27/2000	2,602,454	7/30/2002	Mark should not
SUMMA-CLEAN	United States	73437686	8/3/1984	1,306,702	11/26/1984	be listed
SUMMA-DEVELOP	United States	73438515	8/8/1983	1,316,373	1/29/1985	
SURFCHEM	United States	75744284	7/6/1999	2,345,559	4/25/2000	
ULTRA-ETCH	United States	74438501	8/30/1993	1,907,795	7/25/1995	"ULTRA-ETCH"
EWT	United States	73807980	6/20/1989	1,620,679	11/6/1990	should not be listed
GIGABIT	United States	74144981	3/6/1991	1,705,722	8/4/2002	"GIGABIT" should
HEXAKLEAN	United States	75811788	10/1/1999	2,371,253	7/25/2000	not be listed
NEWSBYTES	United States	75301767	6/2/1997	2,268,125	8/10/1999	
PUREMAX	United States	75541770	8/24/1998	2,607,784	8/13/2002	"PUREMAX" should
TERABIT	United States	74438622	9/17/1993	1,870,262	12/27/1994	not be listed.
WAFER-OX	United States	75397263	11/28/1997	2,267,729	8/3/1999	"TERABIT" should
NIXOX	United States	390372	4/27/1971	959793	5/29/1973	not be listed.
DESIGN OF TANK AND SPECIALTY G	United States	276513	7/21/1967	903697	12/8/1970	
EXTREMA	United States	105937	11/5/1976	1078178	11/29/1977	
SAFEION	United States	574212	12/19/1985	1425358	1/20/1987	
CRS	United States	596714	4/5/1986	1418826	12/2/1986	
M DOT	United States	698639	11/20/1987	1529406	3/14/1989	
HMDS-PLUS	United States	695805	11/16/1987	1500927	8/23/1988	
FTC	United States	74643588	2/28/1995	1988183	7/23/1996	
TOMCATS	United States	742399	7/26/1988	1595894	5/15/1990	
EXTREMA	United States	74193683	8/12/1991	1719727	9/29/2002	
CUPRA SELECT	United States	72269677	4/27/1992	1792253	9/14/2003	
TRANSFILL	United States	74337720	12/7/1992	1793492	9/21/2003	
TRANS-LC	United States	74337721	12/7/1992	1783773	7/27/2003	
SMS	United States					
SILICON MATERIALS SERVICE AND	United States					

TRADEMARK

REEL: 006000 FRAME: 0693

<u>Mark Name</u>	<u>Country</u>	<u>Current Appl. No</u>	<u>Current Appl. Date</u>	<u>Current Reg. No</u>	<u>Current Reg. Date</u>
SILICON MATERIALS SERVICE	United States	74507045	3/30/1994	1912872	8/15/1995
SILICON MATERIAL SERVICE	United States	74522247	4/29/1994	1907165	7/25/1995
SILICON MATERIAL SERVICE AND D	United States	74507046	3/30/1994	1885333	3/21/1995
SMS	United States	74710446	8/3/1995	2025106	12/24/1996
CHLORO CLEAN	United States	75062946	2/26/1996	2040305	2/25/2007
SCHUMACHER AND DESIGN	United States	74683491	6/2/1995	2082070	7/22/1997
UltraFill	United States	75196506	11/12/1996	2186597	9/1/1998
ECOETCH-LF	United States	75261057	3/20/1997		
LO-K	United States	75491061	5/26/1998	2414429	12/19/2000
VELOX	United States	75510670	7/2/1998	2,444,767	4/17/2001
CHEM GUARD	United States	75672686	4/1/1999		
POLYELK	United States	75781570	8/23/1999		
MESOELK	United States	78088551	10/16/2001	2,503,139	10/30/2001
4MS	United States	76012610	3/29/2000	2,727,315	6/17/2003
OptiYield	United States	78153376	8/12/2002	2,849,540	6/1/2004
FACS	United States	78178993	10/28/2002	2,835,506	4/20/2004
ASCEND	United States	78204665	1/17/2003	2,903,899	11/16/2004
OptiPattern	United States	78216907	2/20/2003		
OptiRinse	United States	78238047	4/15/2003		
DEMS	United States	78248448	5/12/2003	2,832,095	4/13/2004
PDEMS	United States	78248450	5/12/2003	2998952	9/20/2005
OptiFluid	United States	78327967	11/14/2003		
OptiEtch	United States	78328028	11/14/2003		
QMAC (DESIGN)	United States	73538722	5/20/1985	1441835	6/9/1987
EZStrip	United States	78608552	4/14/2005	3,221,422	3/27/2007
VaporGuard	United States	77164940	4/25/2007	3591964	3/17/2009
SCHUMACHER	United States	77022727	10/17/2006	3342623	11/27/2007
FLEXTHANE	United States	77030250	10/26/2006	3627457	5/26/2009
AP-LTN	United States	77099475	2/5/2007	3715690	11/24/2009
AP-LTO	United States	77099484	2/5/2007	3432204	5/20/2008
NCTRL	United States	77107937	2/15/2007	3373688	1/22/2008

<u>Mark Name</u>	<u>Country</u>	<u>Current Appl. No</u>	<u>Current Appl. Date</u>	<u>Current Reg. No</u>	<u>Current Reg. Date</u>
QMAC	United States	77155286	4/12/2007	3,311,619	10/16/2007
C-P-LOK	United States	77192004	5/29/2007		
K-REST	United States	77470318	5/9/2008		
Com-PAT	United States	77501859	6/18/2008		
SunSource	United States	77701914	3/30/2009	4109173	3/6/2012
ATCOR stylized	United States	73449940	10/27/1983	1300209	10/15/1984
FLOWMASTER	United States	77654826	1/22/2009	3836604	8/24/2010
SYTON	United States	78340731	12/15/2003	2914670	12/28/2004
DA Nano with Stylized A logo	United States	86071786	9/23/2013		
AP-LITS	United States	85821137	1/11/2013	4472355	1/21/2014
AP-LTX	United States	85821133	1/11/2013		
BulkGUARD	United States	86674259	6/25/2015		
VERSUM	United States	86791924	10/19/2015		
VERSUM and Logo	United States	86841123	12/7/2015		
RESPECT THE FUTURE	United States	87093017	7/5/2016		
AP-LTX	United States	87205595	10/17/2016		

TRADEMARK

REEL: 006000 FRAME: 0695

RECORDED: 02/21/2017



**EXHIBIT E**

COMPANY DECLARATION

Versum Materials US, LLC has recorded assignments against several intellectual property assets by inadvertent mistake, as noted herein.

In particular, on February 20, 2017, Versum Materials US, LLC mistakenly recorded an assignment against certain intellectual property at Reel/Frame 041772/0733, which included the following patent assets:

1. U.S. Patent No. 6,162,370 (corresponding to patent application number 09/141,897);
2. U.S. Patent No. 6,303,514 (corresponding to patent application number 09/652,416);
3. U.S. Patent No. 6,358,899 (corresponding to patent application number 09/534,303); and
4. U.S. Application No. 11/752,606.

Furthermore, on February 21, 2017, Versum Materials US, LLC mistakenly recorded an assignment against certain Intellectual Property at Reel/Frame 6006/0686, which included the following trademark assets:

1. CLEANROOM Reg. No. 1851237
2. GIGABIT Reg. No. 1705722
3. TERABIT Reg. No. 1870262
4. ULTRA-ETCH Reg. No. 1907795
5. PUREMAX Reg. No. 2607784

With respect to the above patent and trademark assets and in view of MPEP 323.01(c) and TMPEP 503.06(c), Versum Materials US, LLC herewith affirms that the above noted recordings inadvertently included the above assets and confirms that Versum Materials US, LLC is not the current owner/assignee of the above patent and trademark assets.

Versum Materials US, LLC respectfully requests the record of the above identified assets alone be corrected to reflect that Versum Materials US, LLC is not the owner.

[Signature page follows]

IN WITNESS WHEREOF, the duly authorized officer of Versum Materials US, LLC has executed this Declaration on the date as noted below.

Versum Materials US, LLC

By: Mitchell Brust  
Name: Mitchell Brustein  
Title: Authorized Representative  
Date: 21 May 2020

Notarization (optional):