

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM723792

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Termination and Release of Security Interest in Patents and Trademarks		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
U.S. Bank National Association		03/01/2022	National Banking Association:
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Airgas-Refrigerants, Inc.		
<b>Street Address:</b>	One Blue Hill Plaza		
<b>City:</b>	Pear River		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10965		
<b>Entity Type:</b>	Corporation: DELAWARE		
<b>PROPERTY NUMBERS Total: 11</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3380386	ASPEN	
<b>Registration Number:</b>	3390931	ASPEN REFRIGERANTS	
<b>Registration Number:</b>	2068414	REFRON	
<b>Registration Number:</b>	1851233	REFRON	
<b>Registration Number:</b>	2085264	REFRON REGISTRY	
<b>Registration Number:</b>	3891541	REKLAIM	
<b>Registration Number:</b>	3931250	REKLAIM	
<b>Registration Number:</b>	2068413	ANY REFRIGERANT, ANY PLACE, ANY TIME	
<b>Registration Number:</b>	2090198	FOR ALL YOUR REFRIGERANT NEEDS	
<b>Registration Number:</b>	4874699	REFRIGATRON	
<b>Serial Number:</b>	87184839	REKLAIM	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	2037822889		
<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>	203.498.4347		
<b>Email:</b>	fduffin@wiggin.com		
<b>Correspondent Name:</b>	Francis J. Duffin, Wiggin and Dana LLP		
<b>Address Line 1:</b>	One Century Tower, 265 Church Street		

CH \$290.00 3380386

**Address Line 4:** New Haven, CONNECTICUT 06510

**NAME OF SUBMITTER:** Francis J. Duffin

**SIGNATURE:** /fjd/

**DATE SIGNED:** 04/25/2022

**Total Attachments: 12**

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**TERMINATION AND RELEASE OF  
SECURITY INTEREST IN PATENTS AND TRADEMARKS**

THIS TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS AND TRADEMARKS (this "Termination and Release"), dated as of March 1, 2022, is made by U.S. BANK NATIONAL ASSOCIATION, in its capacity as administrative agent and collateral agent (in such capacity, the "Agent") for the Lenders under the Credit Agreement (each as defined below), in favor of the entities listed on Schedules 1 and 2 attached hereto, each individually, a "Grantor", and collectively, the "Grantors").

WITNESSETH:

WHEREAS, reference is made to that certain Term Loan and Security Agreement dated as of October 10, 2017 (as amended by that Limited Waiver and First Amendment to Term Loan Credit and Security Agreement and Certain Other Documents, dated as of June 29, 2018, as amended by that certain Waiver and Second Amendment to Term Loan Credit and Security Agreement, dated as of August 14, 2018, as amended by that certain Waiver and Third Amendment to Term Loan Credit and Security Agreement, dated as of November 30, 2018, as amended by that certain Waiver and Fourth Amendment to Term Loan Credit and Security Agreement, dated as of December 19, 2019, as amended by that certain Fifth Amendment to Term Loan Credit and Security Agreement, dated as of April 23, 2020 and as may be further amended, restated, supplemented or otherwise modified from time to time, including all schedules thereto, the "Agreement"), certain loan parties party thereto, including HUDSON TECHNOLOGIES COMPANY, a Delaware corporation (formerly known as Aspen Refrigerants, Inc.) ("Hudson Technologies") and HUDSON HOLDINGS, INC., a Nevada corporation, ("Holdings" and together with Hudson Technologies, collectively the "Borrowers" and each, individually, a "Borrower"), HUDSON TECHNOLOGIES, INC., New York corporation ("HT" and collectively with the Borrowers, the "Loan Parties"), the lenders party thereto (the "Lenders") and the Agent;

WHEREAS, pursuant to that certain Patents, Trademarks and Copyrights Security Agreement dated as of October 10, 2017 (as supplemented by that certain Supplemental Patents, Trademarks and Copyrights Security Agreement dated as of February 24, 2020, the "Supplemental Security Agreement" and as further supplemented from time to time, the "Security Agreement"), a lien on and security interest (the "Security Interest") was granted by the Grantors to the Agent in certain Patents and Trademarks (the "IP Collateral");

WHEREAS, the Security Agreement was recorded in the United States Patent and Trademark Office on October 10, 2017 at (i) Reel/Frame 043828/0001 and (ii) Reel/Frame 6176/0540;

WHEREAS, the Supplemental Security Agreement was recorded in the United States Patent and Trademark Office on February 25, 2020 at (i) Reel/Frame 051914/0805 and (ii) Reel/Frame 6873/0193;

WHEREAS, the Agent now desires to terminate and release the entirety of the Security Agreement and its Security Interest in the IP Collateral including those Patents listed on Schedule 1 attached hereto and those Trademarks listed on Schedule 2 attached hereto.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and upon the terms set forth in this Termination and Release, the Agent hereby agrees as follows:

1. Definitions. Capitalized terms not defined herein have the meanings set forth in the Security Agreement.

2. Release of Security Interest. The Agent hereby terminates, releases and discharges the Security Agreement any and all Security Interest in the IP Collateral, including those Patents listed on Schedule 1 attached hereto and those Trademarks listed on Schedule 2 attached hereto, and any right, title or interest of the Agent in, to and under such Collateral shall hereby cease and become void.

3. Recordation. The Agent hereby authorizes the Loan Parties and their designees to record this Termination and Release with the United States Patent and Trademark Office or any other applicable governmental authority at the Loan Parties' expense.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has executed this Termination and Release of Security Interest in IP Collateral by its duly authorized officer as of the date first above written.

**U.S. BANK NATIONAL ASSOCIATION,**  
as Assignee

By: \_\_\_\_\_

Name: Alexandra Rhyne

Title: Assistant Vice President

Schedule 1

Patent and Patent Applications

**GRANTOR: Hudson Technologies, Inc.**

Title	Appl. Number	Patent Number	Issue Date
APPARATUS FOR RECOVERING AND ANALYZING VOLATILE REFRIGERANTS	08/766,957	5,802,859	08-Sep-1998
METHOD AND APPARATUS FOR REFRIGERANT RECLAMATION	08/240,444	5,377,499	03-Jan-1995
HYDRAULIC SYSTEM FOR RECOVERING REFRIGERANTS	08/299,523	5,502,974	02-Apr-1996
APPARATUS FOR RECOVERING AND ANALYZING VOLATILE REFRIGERANTS	09/146,590	6,141,977	07-Nov-2000
APPARATUS AND METHOD FOR FLUSHING A REFRIGERATION SYSTEM	09/373,301	6,164,080	26-Dec-2000
APPARATUS AND METHOD FOR FLUSHING A CHILLER SYSTEM	09/373,300	6,357,240	19-Mar-2002
METHOD AND APPARATUS FOR SONIC CLEANING OF HEAT EXCHANGERS	09/373,299	6,290,778	18-Sep-2001
METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS	09/577,703	6,505,475	14-Jan-2003
METHOD AND APPARATUS FOR	10/338,941	7,059,143	13-Jun-2006

<b>MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS</b>			
<b>METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS</b>	11/182,249	7,086,240	08-Aug-2006
<b>METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS</b>	11/463,101	7,533,536	19-May-2009
<b>METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS</b>	12/468,506	7,805,952	05-Oct-2010
<b>METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS</b>	12/898,289	8,327,653	11-Dec-2012
<b>METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS</b>	13/707,829	9,222,712	29-Dec-2015
<b>METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS</b>	14/980,962		
<b>METHOD AND APPARATUS FOR OPTIMIZING</b>	10/730,791	7,599,759	06-Oct-2009

<b>REFRIGERATION SYSTEMS</b>			
<b>METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS</b>	12/565,147	8,046,107	25-Oct-2011
<b>METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS</b>	038129110	1585924	30-Dec-2015
<b>METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS</b>	201001292	027469	31-Jul-2017
<b>METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS</b>	038129110	1585924	30-Dec-2015
<b>METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS</b>	038129110	1585924	30-Dec-2015
<b>METHOD AND DEVICE FOR OPTIMIZATION OF REFRIGERATION SYSTEMS</b>	200500945	N/A	N/A
<b>METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS</b>	2005511749	4691736	04-Mar-2011
<b>METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS</b>	PAA2005006174	272130	24-Nov-2009
<b>SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS</b>	13/280,302	8,463,441	11-Jun-2013
<b>METHOD AND APPARATUS FOR</b>	1020117002171	101338012	02-Dec-2013



<b>OPTIMIZING REFRIGERATION SYSTEMS</b>			
<b>METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS</b>	13/913,664	9,423,165	23-Aug-2016
<b>METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS</b>	15/243,701		
<b>SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS</b>	12/251,385	8,205,462	26-Jun-2012
<b>SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS</b>	13/532,929	8,544,287	01-Oct-2013
<b>SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS</b>	14/038,838	8,695,364	15-Apr-2014
<b>SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS</b>	14/252,899	9,519,891	13-Dec-2016
<b>SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT</b>	14/744,776		
<b>SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM</b>	14/877,609	9,435,575	06-Sep-2016

<b>HCFC TO HFC REFRIGERANT</b>			
<b>SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT</b>	15/255,826		
<b>SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS</b>	15/376,749		
<b>SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT</b>	MXA2017000025		
<b>SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT</b>	20170024		
<b>SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT</b>	NC20170000594		
<b>SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT</b>	BR 1120160304969		
<b>SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT</b>	20175195		
<b>METHOD AND APPARATUS FOR REFRIGERANT RECLAMATION</b>	5042		

<b>SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT</b>	16/153642		15-Oct-2018
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**GRANTOR: Aspen Refrigerants, Inc. (f/k/a Airgas-Refrigerants, Inc.)**

<b>Title</b>	<b>Appl. Number</b>	<b>Patent Number</b>	<b>Issue Date</b>
<b>SYSTEM AND METHOD FOR ANALYZING A REFRIGERANT SAMPLE</b>	13/242485	8555733	15-Oct-2013

Schedule 2

Trademark and Trademark Applications

**GRANTOR: Airgas-Refrigerants, Inc.**

<b><u>Mark</u></b>	<b><u>App. No.</u></b>	<b><u>Filing Date</u></b>	<b><u>Reg. No.</u></b>	<b><u>Issue Date</u></b>
ASPEN	77/094804	1/30/2007	3380386	2/12/2008
ASPEN REFRIGERANTS (Design)	77/094907	1/30/2007	3390931	3/4/2008
REFRON (Design)	74/697286	7/5/1995	2068414	6/10/1997; Assigned 10/3/2017
REFRON	74/400682	6/10/1993	1851233	8/30/1994; Assigned 10/3/2017
REFRON REGISTRY	74/697284	7/5/1995	2085264	8/5/1997; Assigned 10/3/2017
REKLAIM	77/122995	3/6/2007	3891541	12/14/2010; Assigned 10/3/2017
REKLAIM (Design)	77/123,068	3/6/2007	3931250	3/15/2011; Assigned 10/3/2017
ANY REFRIGERANT, ANY PLACE, ANY TIME	74/697285	5/7/1995	2068413	6/10/1997; Assigned 10/3/2017
FOR ALL YOUR REFRIGERANT NEEDS	74/697282	7/5/1995	2090198	8/19/1997; Assigned 10/3/2017
REFRIGATRON	85/699612	8/9/2012	4874699	12/22/2015; Assigned 10/3/2017

REKLAIM	N/A	9/27/2016	87184839	Pending; Assigned 10/3/2017
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**GRANTOR: Hudson Technologies Company, Inc.**

<u>Mark</u>	<u>App. No.</u>	<u>Filing Date</u>	<u>Reg. No.</u>	<u>Issue Date</u>
REFRIGERANTSIDE	75/532,327	08/06/1998	2,559,214	04/09/2002
R-SIDE	75/532,328	08/06/1998	2,601,434	07/30/2002
ZUGIBEAST	74682909		1,985,422	07/09/1996

**GRANTOR: Hudson Technologies, Inc.**

<u>Trademark</u>	<u>Application #</u>	<u>Publication#:</u>	<u>Issue Date</u>
CHILLSMART	78/591,413	3,184,719	12/12/2006
COLDPACK	87558718	N/A	Pending.
CHILLSMART		878512	09/21/2005
CHILLSMART		2005/19997	09/21/2005
CHILLER CHEMISTRY	78/591,426	3,190,044	12/26/2006
CHILLER CHEMISTRY		878513	09/21/2005
CHILLER CHEMISTRY		2005/19998	09/21/2005

<b>HUDSON TECHNOLOGIES, INC.</b>	74/677,360	1,969,986	04/23/1996
<b>GLACIER</b>	75/253,240	2,227,148	03/02/1999
<b>FLUID CHEMISTRY</b>	77/638,497	3,788,857	05/11/2010
<b>CLEAN EXCHANGE</b>	85/041,598	4,187,266	08/07/2012
<b>AMERI-PURE</b>	85/428,775	4,552,124	06/17/2014
<b>SMARTENERGY OPS</b>	86/305,954	4,951,990	05/03/2016
<b>SMARTENERGY OPS OPERATIONS/PERFORMANCE/SER VICE AND DESIGN</b>	86/305,973	4,951,991	05/03/2016