

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

ETAS ID: TM554669

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Termination and Release of Patents, Trademarks and Copyrights Security Agreement		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
PNC Bank, National Association		12/18/2019	National Banking Association: UNITED STATES
RECEIVING PARTY DATA			
Name:	Hudson Technologies, Inc.		
Street Address:	One Blue Hill Plaza		
City:	Pearl River		
State/Country:	NEW YORK		
Postal Code:	10965		
Entity Type:	Corporation: NEW YORK		
PROPERTY NUMBERS Total: 10			
Property Type	Number	Word Mark	
Serial Number:	87558718	COLDPACK	
Registration Number:	3190044	CHILLER CHEMISTRY	
Registration Number:	1969986	HUDSON TECHNOLOGIES, INC.	
Registration Number:	2227148	GLACIER	
Registration Number:	3788857	FLUID CHEMISTRY	
Registration Number:	4187266	CLEAN EXCHANGE	
Registration Number:	4552124	AMERI-PURE	
Registration Number:	4951990	SMARTENERGY OPS	
Registration Number:	4951991	SMARTENERGY OPS OPERATIONS / PERFORMANCE	
Registration Number:	3184719	CHILLSMART	
CORRESPONDENCE DATA			
Fax Number:	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>			
Phone:	203.498.4347		
Email:	fduffin@wiggin.com		
Correspondent Name:	Francis J. Duffin, Wiggin and Dana LLP		
Address Line 1:	One Century Tower, 265 Church Street		

CH \$265.00 87558718

Address Line 4: New Haven, CONNECTICUT 06510	
NAME OF SUBMITTER:	Francis J. Duffin
SIGNATURE:	/fjd/
DATE SIGNED:	12/23/2019
Total Attachments: 7 source=Security release - Hudson Technologies Inc#page1.tif source=Security release - Hudson Technologies Inc#page2.tif source=Security release - Hudson Technologies Inc#page3.tif source=Security release - Hudson Technologies Inc#page4.tif source=Security release - Hudson Technologies Inc#page5.tif source=Security release - Hudson Technologies Inc#page6.tif source=Security release - Hudson Technologies Inc#page7.tif	

**TERMINATION AND RELEASE OF
PATENTS, TRADEMARKS AND COPYRIGHTS SECURITY AGREEMENT**

THIS TERMINATION AND RELEASE OF PATENTS, TRADEMARKS AND COPYRIGHTS SECURITY AGREEMENT (this "Termination"), is dated as of December 18, 2019, and made by PNC Bank, National Association (the "Grantee"), to Hudson Technologies, Inc., a corporation organized under the laws of the State of New York (the "Grantor"). All capitalized terms used in this Termination and not otherwise defined herein, shall have the respective meanings given to such terms in the Security Agreement (as defined below).

WHEREAS, pursuant to that certain Amended and Restated Patents, Trademarks and Copyrights Security Agreement dated as of October 10, 2017, made by Grantor in favor of Grantee (as the same may be amended, restated, amended and restated, supplemented, modified, or otherwise in effect prior to the date hereof, the "Security Agreement"), a security interest was granted by the Grantor to Grantee in certain collateral, including the Intellectual Property (as hereinafter defined);

WHEREAS, the Security Agreement was recorded with the patent division of the United States Patent and Trademark Office (the "USPTO") on October 17, 2017, at Reel/Frame 043887/0250 and with the trademark division of the USPTO on October 17, 2017, at Reel/Frame 6184/0339; and

WHEREAS, Grantee now desires to terminate the Security Agreement and terminate, release and discharge its security interest in the Intellectual Property;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, and upon the terms set forth in this Termination, Grantee hereby states as follows:

1. Definitions. The term "Intellectual Property," as used herein, shall mean and include all of the Grantor's right, title and interest, including goodwill, of every kind and nature as of the date hereof in, to and under the Trademarks, Patents, and Copyrights, including without limitation those patents and trademarks listed on Exhibit A hereto.

2. Release of Security Interest. Grantee hereby terminates the Security Agreement and terminates, releases and discharges its security interest in, to, and under the Intellectual Property and reassigns to the person or persons legally entitled thereto all right, title and interest of Grantee in the Intellectual Property, and any right, title or interest of the Grantee in such Intellectual Property shall hereby cease and be void. Grantee acknowledges that this Termination may be filed along with any other necessary documentation with the USPTO or any other governmental office to evidence the release granted herein at the sole expense of the Grantor. Grantee authorizes the Grantor and its designees to record this Termination with the USPTO and other applicable registry at the sole expense of the Grantor and agrees to provide the Grantor with any information and additional authorization necessary to effect the release of the security interest in the Intellectual Property.

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IN WITNESS WHEREOF, the Grantee has caused this Termination to be executed by its duly authorized officer as of the date first written above.

PNC BANK, NATIONAL ASSOCIATION

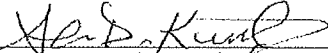
By: 
Name: Glenn D. Kreutzberg
Title: SR. Vice President

Exhibit A

PATENTS:

Patent Title	Application #	Publication#:	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 MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS	10/338,941	7,059,143	13-Jun-2006
METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS	11/182,249	7,086,240	08-Aug-2006
METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS	11/463,101	7,533,536	19-May-2009
METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS	12/468,506	7,805,952	05-Oct-2010
METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN	12/898,289	8,327,653	11-Dec-2012

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TRADEMARK
REEL: 006824 FRAME: 0805

REFRIGERATION SYSTEMS			
METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS	13/707,829	9,222,712	29-Dec-2015
METHOD AND APPARATUS FOR MEASURING AND IMPROVING EFFICIENCY IN REFRIGERATION SYSTEMS	14/980,962	N/A	N/A
METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS	10/730,791	7,599,759	06-Oct-2009
METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS	12/565,147	8,046,107	25-Oct-2011
METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS	1020117002171	101338012	02-Dec-2013
SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS	13/280,302	8,463,441	11-Jun-2013
METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS	13/913,664	9,423,165	23-Aug-2016
METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS	15/243,701	N/A	N/A
SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS	12/251,385	8,205,462	26-Jun-2012
SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS	13/532,929	8,544,287	01-Oct-2013
SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS	14/038,838	8,695,364	15-Apr-2014
SYSTEM AND METHOD FOR RECYCLING NON-REUSABLE REFRIGERANT CONTAINERS	14/252,899	9,519,891	13-Dec-2016
SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT	14/744,776	N/A	N/A
SYSTEM AND METHOD FOR RETROFITTING A REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT	14/877,609	9,435,575	06-Sep-2016
SYSTEM AND METHOD FOR RETROFITTING A	15/255,826	N/A	N/A

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REFRIGERATION SYSTEM FROM HCFC TO HFC REFRIGERANT			
METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS	038129110	1585924	30-Dec-2015
METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS	201001292	027469	31-Jul-2017
METHOD AND DEVICE FOR OPTIMIZATION OF REFRIGERATING SYSTEMS	200500945	N/A	N/A
METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS	2005511749	4691736	04-Mar-2011
METHOD AND APPARATUS FOR OPTIMIZING REFRIGERATION SYSTEMS	PAA2005006174	272130	24-Nov-2009

TRADEMARKS:

Trademark	Application #	Publication#:	Issue Date
COLDPACK	87558718	N/A	N/A
CHILLER CHEMISTRY	78/591,426	3,190,044	12/26/2006
HUDSON TECHNOLOGIES, INC.	74/677,360	1,969,986	04/23/1996
GLACIER	75/253,240	2,227,148	03/02/1999
FLUID CHEMISTRY	77/638,497	3,788,857	05/11/2010
CLEAN EXCHANGE	85/041,598	4,187,266	08/07/2012
AMERI-PURE	85/428,775	4,552,124	06/17/2014
SMARTENERGY OPS	86/305,954	4,951,990	05/03/2016
SMARTENERGY OPS OPERATIONS/PERFOR MANCE/SERVICE AND DESIGN	86/305,973	4,951,991	05/03/2016
CHILLSMART	78/591,413	3,184,719	12/12/2006
CHILLSMART		878512	09/21/2005
CHILLSMART		2005/19997	09/21/2005

074658.17042/122269203v.2

CHILLER CHEMISTRY		878513	09/21/2005
CHILLER CHEMISTRY		2005/19998	09/21/2005

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