

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM776893

<b>SUBMISSION TYPE:</b>		NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>		Trademark Confirmatory Grant	
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Chart Inc.		12/22/2022	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	U.S. Bank Trust Company, National Association		
<b>Street Address:</b>	13737 Noel Road, 8th Floor		
<b>City:</b>	Dallas		
<b>State/Country:</b>	TEXAS		
<b>Postal Code:</b>	75240		
<b>Entity Type:</b>	National Banking Association: UNITED STATES		
<b>PROPERTY NUMBERS Total: 53</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	4466588	BULKLITE	
<b>Registration Number:</b>	4782016	CARBO-MAX	
<b>Registration Number:</b>	4777253	CARBO-MITE	
<b>Registration Number:</b>	2444433	CARBO-MIZER	
<b>Registration Number:</b>	4358108	CHART	
<b>Registration Number:</b>	2840759	CHART	
<b>Registration Number:</b>	4814891	CHART VACUUM TECHNOLOGY	
<b>Serial Number:</b>	90864604	CHARTWATER	
<b>Registration Number:</b>	4157173	CHILLZILLA	
<b>Registration Number:</b>	6252419	COOLER BY DESIGN	
<b>Registration Number:</b>	4218386	CRYENCO	
<b>Registration Number:</b>	5091277	CRYO-CYL	
<b>Registration Number:</b>	4360396	CRYODOSER	
<b>Registration Number:</b>	5347613	CRYODOSER FLEX	
<b>Registration Number:</b>	2414529	CYL-TEL	
<b>Registration Number:</b>	5104076	DITCH THE WIDGET	
<b>Registration Number:</b>	1253596	DURA-CYL	
<b>Registration Number:</b>	4858256	DYNAFLOW	
<b>Serial Number:</b>	90854861	ECO2MIZER	

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Property Type	Number	Word Mark
Registration Number:	4686038	GEN2
Registration Number:	3080706	INNOVATION. EXPERIENCE. PERFORMANCE.
Registration Number:	5444101	INTRODOSER
Registration Number:	4063857	IPSMR
Registration Number:	5413639	LASER PREMIER
Registration Number:	5091276	LASER-CYL
Registration Number:	5580897	LIQUID TUBE TRAILER
Registration Number:	5091275	MEGA-CYL
Registration Number:	2665934	MICROBULK SOLUTIONS
Registration Number:	4611110	MVIP PRO
Registration Number:	4611109	MVIP SELECT
Registration Number:	2737770	NEXGEN FUELING
Registration Number:	4729105	NITROFRESH
Registration Number:	5091278	NOMAD
Registration Number:	5198519	ONSITE
Registration Number:	2187547	ORCA
Registration Number:	2180403	PERMA-CYL
Registration Number:	2423924	PYTHON
Registration Number:	4798677	SIPHON 100
Registration Number:	5718192	SMART LAYER
Serial Number:	97006014	SMART-TEL
Registration Number:	2871126	TANK-TEL
Registration Number:	5017772	THERMAX
Registration Number:	2362618	TRIFECTA
Registration Number:	4360397	ULTRADOSER
Registration Number:	4597135	VAPORMAN 125
Registration Number:	5156745	MVE AUTOMATION SERIES
Registration Number:	5581532	MVE FUSION
Registration Number:	4388111	MVE
Serial Number:	97281890	IPSMR TECHNOLOGY
Registration Number:	4480672	HETSCO
Serial Number:	97467683	CRYO-LEASE
Serial Number:	97416025	C 1 ONECHART
Serial Number:	97139573	ABSOLUTEFLOW

**CORRESPONDENCE DATA**

**Fax Number:**

*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:** 2023704750  
**Email:** ipteam@cogencyglobal.com  
**Correspondent Name:** Stewart Walsh  
**Address Line 1:** 1025 Connecticut Ave NW, Suite 712  
**Address Line 2:** Cogency Global Inc.  
**Address Line 4:** Washington, D.C. 20036

**ATTORNEY DOCKET NUMBER:** 1866275 TM 10

**NAME OF SUBMITTER:** Dahlia Gottlieb

**SIGNATURE:** /Dahlia Gottlieb/

**DATE SIGNED:** 12/28/2022

**Total Attachments: 13**

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**CONFIRMATORY GRANT OF SECURITY INTEREST  
IN UNITED STATES TRADEMARKS**

THIS CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES TRADEMARKS (this “Confirmatory Grant”) is made effective as of December 22, 2022, by and from Chart Inc., a Delaware corporation (the “Grantor”), to and in favor of U.S. Bank Trust Company, National Association (the “Grantee”), for itself and as Notes Collateral Agent for the benefit of the Notes Secured Parties (each as defined in the Indenture referenced below).

WHEREAS, Chart Industries, Inc., a Delaware corporation (the “Issuer”), the Guarantors party thereto from time to time, U.S. Bank Trust Company, National Association, as trustee (the “Trustee”) and U.S. Bank Trust Company, National Association, as collateral agent (the “Notes Collateral Agent”) have entered into that certain Indenture, dated as of December 22, 2022 (the “Indenture”).

WHEREAS, the Grantor and certain other Subsidiaries of the Issuer have guaranteed and secured the performance and payment of the Guaranteed Obligations pursuant to the Indenture and that certain Collateral Agreement, dated as of December 22, 2022 (the “Collateral Agreement”).

WHEREAS, the Grantor owns the trademarks listed on Exhibit A attached hereto (the “Trademarks”), which Trademarks are registered or pending with the United States Patent and Trademark Office.

WHEREAS, this Confirmatory Grant has been granted in conjunction with the security interest granted under the Collateral Agreement to the Grantee for itself and the benefit of the Notes Secured Parties. The rights and remedies of the Grantee with respect to the security interest granted herein are without prejudice to and are in addition to those set forth in the Collateral Agreement and the other Notes Security Documents, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Confirmatory Grant are deemed to conflict with the Collateral Agreement, the provisions of the Collateral Agreement shall govern.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

1) Definitions. All capitalized terms not defined herein shall have the respective meaning given to them in the Indenture or Collateral Agreement, as applicable.

2) The Security Interest.

(a) This Confirmatory Grant is made to secure the satisfactory performance and payment of all the Guaranteed Obligations. Upon the performance and payment in full of all Guaranteed Obligations (other than contingent indemnification obligations), the Grantee shall promptly, upon such satisfaction, execute, acknowledge, and deliver to the Grantor all reasonably requested instruments in writing releasing the security interest in the Trademarks acquired under this Confirmatory Grant.

(b) The Grantor hereby grants to the Grantee a security interest in (1) all of the Grantor’s right, title and interest in and to the Trademarks now owned or from time to time after the date hereof owned or acquired by the Grantor, together with (2) all proceeds and products of the Trademarks, (3) the goodwill associated with such Trademarks, and (4) all causes of action arising prior to or after the date hereof for infringement of the Trademarks or unfair competition regarding the same.

3) Counterparts. This Confirmatory Grant may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an

original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

4) Governing Law. This Confirmatory Grant and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

[Signature Page Follows]

CHART INC.

By: 

Name: Jillian C. Evanko

Title: Chief Executive Officer


Signature Page to  
Confirmatory Grant of Security Interest in United States Trademarks

**TRADEMARK**  
**REEL: 007931 FRAME: 0660**

CONFIRMATORY GRANT OF SECURITY INTEREST  
IN UNITED STATES TRADEMARKS

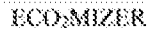
Exhibit A - SCHEDULE OF TRADEMARKS


Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
United States	BULKLITE	Registered, March 3, 2020 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4466588 SN: 86024250	Chart Inc. (Delaware Corporation)	January 14, 2014	July 31, 2013
United States	CARBO-MAX	Registered, September 8, 2021 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4782016 SN: 86495377	Chart Inc. (Delaware Corporation)	July 28, 2015	January 5, 2015
United States	CARBO-MITE	Registered, September 8, 2021 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4777253 SN: 86495363	Chart Inc. (Delaware Corporation)	July 21, 2015	January 5, 2015
United States	CARBO-MIZER	Renewed, July 6, 2021 Office Status:	RN: 2444433 SN: 76027853	Chart Inc. (Delaware Corporation)	April 17, 2001	April 17, 2000


Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
		Registered and Renewed				
United States	CHART	Registered, July 23, 2019 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4358108 SN: 85795903	Chart Inc. (Delaware Corporation)	June 25, 2013	December 6, 2012
United States	CHART and Design 	Renewed, May 2, 2014 Office Status: Registered and Renewed	RN: 2840759 SN: 76255023	Chart Inc. (Delaware Corporation)	May 11, 2004	May 10, 2001
United States	CHART VACUUM TECHNOLOGY	Registered, February 10, 2021 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4814891 SN: 86539584	Chart Inc. (Delaware Corporation)	September 15, 2015	February 19, 2015
United States	CHARTWATER	Pending Application, September 29, 2021 Office Status: New Application - Record	SN: 90864604	Chart Inc. (Delaware Corporation)		August 4, 2021




Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
		Initialized Not Assigned to Examiner				
United States	CHILLZILLA	Registered, May 18, 2018 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4157173 SN: 85433724	Chart Inc. (Delaware Corporation)	June 12, 2012	September 28, 2011
United States	COOLER BY DESIGN	Registered, January 19, 2021	RN: 6252419 SN: 88656824	Chart Inc. (Delaware Corporation)	January 19, 2021	October 16, 2019
United States	CRYENCO	Registered, March 12, 2019 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4218386 SN: 85098282	Chart Inc. (Delaware Corporation)	October 2, 2012	August 2, 2010
United States	CRYO-CYL	Registered, November 29, 2016	RN: 5091277 SN: 87081405	Chart Inc. (Delaware Corporation)	November 29, 2016	June 23, 2016
United States	CRYDOSER	Registered, July 23, 2019 Office Status: Section 8 & 15-	RN: 4360396 SN: 85738573	Chart Inc. (Delaware Corporation)	July 2, 2013	September 26, 2012

Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
		Accepted and Acknowledged				
United States	CRYDOSER FLEX	Registered, November 28, 2017	RN: 5347613 SN: 87219413	Chart Inc. (Delaware Corporation)	November 28, 2017	October 28, 2016
United States	CYL-TEL	Renewed, May 12, 2020 Office Status: Registered and Renewed	RN: 2414529 SN: 75586081	Chart Inc. (Delaware Corporation)	December 19, 2000	November 10, 1998
United States	DITCH THE WIDGET	Registered, December 20, 2016	RN: 5104076 SN: 87008763	Chart Inc. (Delaware Corporation)	December 20, 2016	April 21, 2016
United States	DURA-CYL	Renewed, May 8, 2013 Office Status: Registered and Renewed	RN: 1253596 SN: 73371708	Chart Inc. (Delaware Corporation)	October 11, 1983	June 25, 1982
United States	DYNAFLOW	Registered, November 24, 2015	RN: 4858256 SN: 86572832	Chart Inc. (Delaware Corporation)	November 24, 2015	March 23, 2015
United States	ECO2MIZER (Stylized) 	Pending Application, September 27, 2021 Office Status: New Application	SN: 90854861	Chart Inc. (Delaware Corporation)		July 29, 2021

Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
		n – Record Initialized Not Assigned to Examiner				
United States	GEN2 (Stylized) 	Registered, April 30, 2021 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4686038 SN: 86264029	Chart Inc. (Delaware Corporation)	February 10, 2015	April 28, 2014
United States	INNOVATION. EXPERIENCE. PERFORMANCE.	Renewed, June 30, 2016 Office Status: Registered and Renewed	RN: 3080706 SN: 78457461	Chart Inc. (Delaware Corporation)	April 11, 2006	July 27, 2004
United States	INTRODOSER	Registered, April 10, 2018	RN: 5444101 SN: 87125398	Chart Inc. (Delaware Corporation)	April 10, 2018	August 3, 2016
United States	IPSMR	Registered, January 25, 2018 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4063857 SN: 77832303	Chart Inc. (Delaware Corporation)	November 29, 2011	September 22, 2009

Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
United States	LASER PREMIER	Registered, February 27, 2018	RN: 5413639 SN: 87087499	Chart Inc. (Delaware Corporation)	February 27, 2018	June 29, 2016
United States	LASER-CYL	Registered, November 29, 2016	RN: 5091276 SN: 87081391	Chart Inc. (Delaware Corporation)	November 29, 2016	June 23, 2016
United States	LIQUID TUBE TRAILER	Registered, October 9, 2018	RN: 5580897 SN: 87901565	Chart Inc. (Delaware Corporation)	October 9, 2018	May 1, 2018
United States	MEGA-CYL	Registered, November 29, 2016	RN: 5091275 SN: 87081384	Chart Inc. (Delaware Corporation)	November 29, 2016	June 23, 2016
United States	MICROBULK SOLUTIONS and Design 	Renewed, September 6, 2012 Office Status: Registered and Renewed	RN: 2665934 SN: 76315540	Chart Inc. (Delaware Corporation)	December 24, 2002	September 21, 2001
United States	MVIP PRO	Registered, October 29, 2020 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4611110 SN: 86039715	Chart Inc. (Delaware Corporation)	September 23, 2014	August 16, 2013
United States	MVIP SELECT	Registered, October 29, 2020 Office	RN: 4611109 SN: 86039711	Chart Inc. (Delaware Corporation)	September 23, 2014	August 16, 2013

Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
		Status: Section 8 & 15- Accepted and Acknowledged				
United States	NEXGEN FUELING	Renewed, July 31, 2013 Office Status: Registered and Renewed	RN: 2737770 SN: 76186464	Chart Inc. (Delaware Corporation)	July 15, 2003	December 27, 2000
United States	NITROFRESH	Registered, July 14, 2021 Office Status: Section 8 & 15- Accepted and Acknowledged	RN: 4729105 SN: 86272771	Chart Inc. (Delaware Corporation)	April 28, 2015	May 6, 2014
United States	NOMAD	Registered, November 29, 2016	RN: 5091278 SN: 87081417	Chart Inc. (Delaware Corporation)	November 29, 2016	June 23, 2016
United States	ONSITE	Registered, May 9, 2017	RN: 5198519 SN: 87094132	Chart Inc. (Delaware Corporation)	May 9, 2017	July 6, 2016
United States	ORCA and Design 	Renewed, December 28, 2017 Office Status: Registered and Renewed	RN: 2187547 SN: 75313658	Chart Inc. (Delaware Corporation)	September 8, 1998	June 23, 1997

Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
United States	PERMA-CYL	Renewed, August 2, 2018 Office Status: Registered and Renewed	RN: 2180403 SN: 75308745	Chart Inc. (Delaware Corporation)	August 11, 1998	June 13, 1997
United States	PYTHON	Renewed, February 18, 2021 Office Status: Registered and Renewed	RN: 2423924 SN: 75607942	Chart Inc. (Delaware Corporation)	January 23, 2001	December 18, 1998
United States	SIPHON 100	Registered, August 25, 2015	RN: 4798677 SN: 86477787	Chart Inc. (Delaware Corporation)	August 25, 2015	December 11, 2014
United States	SMART LAYER	Registered, April 2, 2019	RN: 5718192 SN: 87800075	Chart Inc. (Delaware Corporation)	April 2, 2019	February 16, 2018
United States	SMART-TEL	Pending Application, September 4, 2021 Office Status: New Application - Record Initialized Not Assigned to Examiner	SN: 97006014	Chart Inc. (Delaware Corporation)		September 1, 2021
United States	TANK-TEL	Renewed, May 1,	RN: 2871126	Chart Inc. (Delaware Corporation)	August 10, 2004	June 3, 2003

Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
		2014 Office Status: Registered and Renewed	SN: 76519863	Corporation )		
United States	THERMAX	Registered, August 9, 2016	RN: 5017772 SN: 86864247	Chart Inc. (Delaware Corporation )	August 9, 2016	January 4, 2016
United States	TRIFECTA	Renewed, April 28, 2020 Office Status: Registered and Renewed	RN: 2362618 SN: 75305037	Chart Inc. (Delaware Corporation )	June 27, 2000	June 6, 1997
United States	ULTRADOSER	Registered, July 23, 2019 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4360397 SN: 85738577	Chart Inc. (Delaware Corporation )	July 2, 2013	September 26, 2012
United States	VAPORMAN 125	Registered, September 24, 2020 Office Status: Section 8 & 15-Accepted and Acknowledged	RN: 4597135 SN: 86186111	Chart Inc. (Delaware Corporation )	September 2, 2014	February 6, 2014

Country	Trademark	Status/Status Date	App. No./Reg. No.	Owner	Registration Date	Application Date
United States	MVE AUTOMATION SERIES	Registered, Mar. 07, 2017	RN: 5156745 AN: 86/609,382	Chart Inc.	Mar. 07, 2017	Apr. 24, 2015
United States	MVE FUSION	Registered, Oct. 09, 2018	RN: 5581532 AN: 87/340,270	Chart Inc.	Oct. 09, 2018	Feb. 17, 2017
United States	MVE	Registered, Aug. 20, 2013	RN: 4388111 AN: 85/825,906	Chart Inc.	Aug. 20, 2013	Jan. 17, 2013
United States	IPSMR TECHNOLOGY	Published, Feb. 24, 2022	AN: 97/281,890	Chart Inc.		Feb. 24, 2022
United States	HETSCO	Registered, Feb. 11, 2014	RN: 4480672 AN: 85/969,618	Chart Industries, Inc.	Feb. 11, 2014	Jun. 25, 2013
United States	CRYO-LEASE	Pending, Jun. 24, 2022	AN: 97/467683	Chart Inc.		Jun. 21, 2022
United States	C 1 ONECHART	Pending, May 22, 2022	AN: 97/416025	Chart Inc.		May 18, 2022
United States	ABSOLUTEFLOW	Published, Nov. 08, 2022	AN: 97/139,573	Chart Inc.		Nov. 23, 2021