

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT7715017

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	PATENT CONFIRMATORY GRANT
CONVEYING PARTY DATA	
Name	Execution Date
CHART INDUSTRIES, INC.	12/22/2022
RECEIVING PARTY DATA	
Name:	U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION
Street Address:	13737 NOEL ROAD, 8TH FLOOR
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75240
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	9869429
Patent Number:	9869428
Patent Number:	7789920
Patent Number:	7111672
CORRESPONDENCE DATA	
Fax Number:	
<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>	
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ATTORNEY DOCKET NUMBER:	1866275 PAT 4
NAME OF SUBMITTER:	DAHLIA GOTTLIEB
SIGNATURE:	/Dahlia Gottlieb/
DATE SIGNED:	12/28/2022
Total Attachments: 4	
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**CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES PATENTS**

THIS CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS (this “Confirmatory Grant”) is made effective as of December 22, 2022, by and from Chart Industries, 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 patents listed on Exhibit A attached hereto (the “Patents”), which Patents are issued 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 Patents 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 Patents 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 Patents, and (3) all causes of action arising prior to or after the date hereof for infringement of the Patents 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 INDUSTRIES, INC.

By: 

Name: Jillian C. Evanko

Title: President and Chief Executive Officer

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Exhibit A - SCHEDULE OF PATENTS

Title	Patent No. Issue Date	App No. Filing Date	Record Owner
Bulk cryogenic liquid pressurized dispensing system and method	9,869,429 Jan 16, 2018	13782922 Mar 1, 2013	Chart Industries Inc.
Liquid natural gas cooling on the fly	9,869,428 January 16, 2018	14/258,873 April 22, 2014	Chart Industries Inc.
Supercritical process, reactor and system for hydrogen production	7,789,920 September 7, 2010	11/784,696 ¹ April 9, 2007	Chart Industries Inc.
Heat exchanger	7,111,672 September 26, 2006	10/764,737 ² January 26, 2004	Chart Industries Inc.

¹ Unclear ownership. Inventor assignment to Chart Industries Inc., but assigned from Chart Inc. to JPM.

² Missing inventor assignment.