

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2720483

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
CAIRE INC.	01/31/2014
RECEIVING PARTY DATA	
Name:	JPMorgan Chase Bank, N.A., as Administrative Agent
Street Address:	10 South Dearborn
City:	Chicago
State/Country:	ILLINOIS
Postal Code:	60603
PROPERTY NUMBERS Total: 14	
Property Type	Number
Patent Number:	7025329
Patent Number:	7517385
Patent Number:	8182242
Application Number:	12133628
Patent Number:	8186346
Application Number:	12553801
Application Number:	12614617
Application Number:	12780812
Application Number:	12879998
Application Number:	12892793
Application Number:	13082222
Application Number:	13082345
Application Number:	13082348
Application Number:	13082351
CORRESPONDENCE DATA	

Fax Number: (214)981-3400
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Correspondence will be sent via US Mail when the email attempt is unsuccessful.
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ATTORNEY DOCKET NUMBER:	36084-36010
NAME OF SUBMITTER:	DUSAN CLARK
Signature:	/Dusan Clark/
Date:	02/10/2014

Total Attachments: 5
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**CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES PATENTS**

THIS CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Confirmatory Grant") is made effective as of January 31, 2014 by and from CAIRE INC., a Delaware corporation ("Grantor") to and in favor of JPMORGAN CHASE BANK, N.A., for itself and as Administrative Agent for the Secured Parties (as defined in the Credit Agreement referenced below) (in such capacities, "Grantee").

WHEREAS, Chart Industries, Inc. (the "Company"), Chart Industries Luxembourg S.à r.l., the Lenders and Grantee have entered into an Amended and Restated Credit Agreement dated as of April 25, 2012 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement");

WHEREAS, the Company, Grantor and certain other Subsidiaries of the Company have entered into an Amended and Restated Guarantee and Collateral Agreement dated as of April 25, 2012 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Guarantee and Collateral Agreement").

WHEREAS, Grantor owns the patents listed on Exhibit A attached hereto (the "Patents"), which Patents are pending or registered with the United States Patent and Trademark Office.

WHEREAS, this Confirmatory Grant has been granted in conjunction with the security interest granted under the Guarantee and Collateral Agreement to Grantee for the benefit of the Secured Parties. The rights and remedies of Grantee with respect to the security interest granted herein are without prejudice to and are in addition to those set forth in the Guarantee and Collateral Agreement and the other Loan 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 Guarantee and Collateral Agreement, the provisions of the Guarantee and 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 Credit Agreement.

2) The Security Interest.

(a) This Confirmatory Grant is made to secure the satisfactory performance and payment of (i) all the Guaranteed Obligations and (ii) all of the obligations and liabilities of the Subsidiary Loan Parties under the Credit Agreement. Upon the payment in full of all Guaranteed Obligations, Grantee shall promptly, upon such satisfaction, execute, acknowledge, and deliver to the Administrative Agent all reasonably requested instruments in writing releasing the security interest in the Patents acquired under the Guarantee and Collateral Agreement and this Confirmatory Grant.

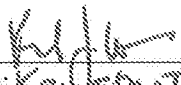
(b) Grantor hereby grants to Grantee a security interest in (1) all of Grantor's right, title and interest in and to the Patents now owned or from time to time after the date hereof owned or acquired by Grantor, together with (2) all proceeds of such Patents, and (3) all causes of action arising prior to or after the date hereof for infringement of such 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.

IN WITNESS WHEREOF, Grantor has executed this Confirmatory Grant effective as of the date first written above.

CAIRE INC.

By: 
Name: K. J. Webster
Title: VP, CAO & Controller

CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES PATENTS

Exhibit A - SCHEDULE OF PATENTS

Patent #:	<u>7025329</u>	Issue Dt:	04/11/2006	Application #:	10835700	Filing Dt:	04/30/2004
Publication #:	<u>US2005024231A</u>	Pub Dt:	11/03/2005				
Title: NEEDLE VALVE FOR FLOW CONTROL							
Patent #:	<u>7517385</u>	Issue Dt:	04/14/2009	Application #:	11399108	Filing Dt:	04/06/2006
Publication #:	<u>US20060180781</u>	Pub Dt:	08/17/2006				
Title: GAS SEPARATION DEVICE AND METHOD OF USE							
Patent #:	<u>8182242</u>	Issue Dt:	05/22/2012	Application #:	12133608	Filing Dt:	06/05/2008
Publication #:	<u>US20080304980</u>	Pub Dt:	12/11/2008				
Title: COMPRESSOR VIBRATION ISOLATION MOUNT AND METHOD OF USE							
Patent #:	NONE	Issue Dt:		Application #:	12133628	Filing Dt:	06/05/2008
Publication #:	<u>US20080302516</u>	Pub Dt:	12/11/2008				
Title: Compressor Cooling System and Method of Use							
Patent #:	<u>8186346</u>	Issue Dt:	05/29/2012	Application #:	12506645	Filing Dt:	07/21/2009
Publication #:	<u>US20100031960</u>	Pub Dt:	02/11/2010				
Title: SELF-AUTOMATED TITRATION SYSTEM AND METHOD							
Patent #:	NONE	Issue Dt:		Application #:	12553801	Filing Dt:	09/03/2009
Publication #:	<u>US20100051030</u>	Pub Dt:	03/04/2010				
Title: System and Method for Controlling Bolus Pulse Duration Based on Inspiratory Time in an Oxygen Concentration System							
Patent #:	NONE	Issue Dt:		Application #:	12614617	Filing Dt:	11/09/2009
Publication #:	<u>US20100116270</u>	Pub Dt:	05/13/2010				
Title: Medical Ventilator System and Method Using Oxygen Concentrators							
Patent #:	NONE	Issue Dt:		Application #:	12780812	Filing Dt:	05/14/2010
Publication #:	<u>US20100313898</u>	Pub Dt:	12/16/2010				
Title: APPARATUS AND METHODS FOR TREATING SLEEP RELATED DISORDERS							
Patent #:	NONE	Issue Dt:		Application #:	12879998	Filing Dt:	09/10/2010
Publication #:	<u>US20110058970</u>	Pub Dt:	03/10/2011				
Title: ROTARY COMPRESSOR AND METHOD							
Patent #:	NONE	Issue Dt:		Application #:	12892793	Filing Dt:	09/28/2010
Publication #:	<u>US20110073107</u>	Pub Dt:	03/31/2011				
Title: CONTROLLING AND COMMUNICATNG WITH RESPIRATORY CARE DEVICES							
Patent #:	NONE	Issue Dt:		Application #:	13082222	Filing Dt:	04/07/2011
Publication #:	<u>US20120000462</u>	Pub Dt:	01/05/2012				
Title: Portable Oxygen Delivery Device							
Patent #:	NONE	Issue Dt:		Application #:	13082345	Filing Dt:	04/07/2011
Publication #:	<u>US20110247620</u>	Pub Dt:	10/13/2011				
Title: Portable Oxygen Delivery Device							

Patent #: NONE	Issue Dt:	Application #: 13082348	Filing Dt: 04/07/2011
Publication #: <u>US20110247621</u>	Pub Dt: 10/13/2011		
Title: Portable Oxygen Delivery Device			
Patent #: NONE	Issue Dt:	Application #: 13082351	Filing Dt: 04/07/2011
Publication #: <u>US20110247622</u>	Pub Dt: 10/13/2011		
Title: Portable Oxygen Delivery Device			