

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4498439

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AIR LIQUIDE GLOBAL E&C SOLUTIONS US INC.	07/07/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE
<b>Street Address:</b>	75 QUAI D'ORSAY
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-75007
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15630301
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)624-8950
<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>	713-624-8953
<b>Email:</b>	NEVA.DARE-SC@AIRLIQUIDE.COM
<b>Correspondent Name:</b>	AIR LIQUIDE USA LLC
<b>Address Line 1:</b>	9811 KATY FREEWAY
<b>Address Line 2:</b>	SUITE 100
<b>Address Line 4:</b>	HOUSTON, TEXAS 77024
<b>ATTORNEY DOCKET NUMBER:</b>	2016P00198 US01
<b>NAME OF SUBMITTER:</b>	NEVA DARE
<b>SIGNATURE:</b>	/Neva Dare/
<b>DATE SIGNED:</b>	07/11/2017
<b>Total Attachments: 1</b>	
source=2016P00198_US_PRV_Assignment signed ALGE&CS-US to ALSA#page1.tif	

## ASSIGNMENT

WHEREAS, **Air Liquide Global E&C Solutions US Inc.**, a Delaware corporation, having offices 9811 Katy Freeway, Suite 100, Houston, Texas 77024, U.S.A., ("Assignor"), has rights and title to the following patents or patent applications:

Application No: 62/470,420

Entitled: Method and Apparatus for Improving the Efficiency of Reforming Process for Producing Syngas and Methanol While Reducing the CO<sub>2</sub> in a Gaseous Stream

(hereinafter referred to as the "Invention(s)"); and

WHEREAS, **L'Air Liquide Societe Anonyme Pour L'Etude Et L'Exploitation Des Procedes Georges Claude**, a French corporation, having offices at 75 quai d'Orsay, Paris, FRANCE 75007 ("Assignee"), is desirous of acquiring an interest in the Invention(s):

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all of Assignor's right, title and interest in and to the Invention(s) in the United States and in and to all foreign counterparts, including patents, utility models and industrial designs, and in and to any Letters Patent and registrations which may hereafter be granted on the same in the United States and in all countries throughout the world; and further including: (i) all income, royalties, and damages now and hereafter due and/or payable to Assignor, including without limitation, damages and payments for past or future infringements and misappropriations thereof; (ii) all rights to sue for past, present and future infringements or misappropriations thereof; and (iii) all rights corresponding to any of the above throughout the world, including the right to claim priority of the US patent applications in patent applications filed in or for any foreign country. The rights, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of the foreign counterparts of the Invention(s), (b) execute, verify, acknowledge and deliver or possibly deliver all such further papers, including instruments of transfer and (c) perform other such acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the Invention(s) in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

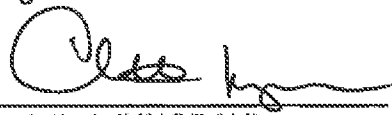
IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed by its duly authorized officer on the date set forth below.

Assignor:

  
Allen E. WHITE  
Authorized representative

Date: July 7, 2017

Assignee:

  
Charlotta LJUNGDAHL  
Authorized representative

Date: July 11 2017