

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Pascal MARTY</td> <td>09/12/2011</td> </tr> <tr> <td>Marie-Pascal VICTOR</td> <td>09/12/2011</td> </tr> <tr> <td>Alain BRIGLIA</td> <td>09/12/2011</td> </tr> </tbody> </table>		Name	Execution Date	Pascal MARTY	09/12/2011	Marie-Pascal VICTOR	09/12/2011	Alain BRIGLIA	09/12/2011
Name	Execution Date								
Pascal MARTY	09/12/2011								
Marie-Pascal VICTOR	09/12/2011								
Alain BRIGLIA	09/12/2011								
RECEIVING PARTY DATA									
Name:	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude								
Street Address:	75 qua d'Orsay								
City:	Paris								
State/Country:	FRANCE								
Postal Code:	F-75007								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13139076</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13139076				
Property Type	Number								
Application Number:	13139076								
CORRESPONDENCE DATA									
Fax Number:	(713)624-8950								
Phone:	7136248954								
Email:	jacqueline.teer@airliquide.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Air Liquide USA LLC								
Address Line 1:	2700 Post Oak Blvd., Suite 1800								
Address Line 2:	ATTN: IP Dept., 22nd Floor								
Address Line 4:	Houston, TEXAS 77056								
ATTORNEY DOCKET NUMBER:	SERIE 7790								
NAME OF SUBMITTER:	Elwood L. Haynes								
Total Attachments: 1 source=S7790_US_Assignment#page1.tif									

CH \$40.00 13139076

Assignment of Invention

WHEREAS WE, **MARTY Pascal, VICTOR Marie-Pascal and BRIGLIA Alain**, respectively, have invented certain new and useful improvements in **Process for utilizing the vented gas mixture from a deaerator associated with a syngas production unit and plant for its implementation**, for which an application for Letters Patent was filed on June 10, 2011, having Application No. 13/139,076;


WHEREAS, **L'Air Liquide, Société Anonyme pour l'Étude et l'Exploitation des Procédés Georges Claude**, a French corporation, having offices at 75 quai d'Orsay, Paris, FRANCE 75007 (herinafter referred to as "ASSIGNEE"), desires to acquire from **MARTY Pascal, VICTOR Marie-Pascal and BRIGLIA Alain**, the entire right, title and interest we have in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, we, by these presents do sell, assign and transfer unto said ASSIGNEE, effective as of the first priority date, the full and exclusive right to the said invention in the United States and its territorial possessions, including the right to claim priority of the above-mentioned patent application(s) in patent applications filed in or for any such foreign country, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions, and in and to any and all subsequent provisionals, non-provisionals, divisions, reissues, continuations, substitutions and renewals thereof.

We hereby authorize and request the Patent Office Officials in the United States and its territorial possessions to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, we agree that we will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 12/09/11


MARTY Pascal, Inventor

Date: 12 sept 2011


VICTOR Marie-Pascal, Inventor

Date: 12 sept 2011


BRIGLIA Alain, Inventor