

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nicoleta Neagu</td> <td>11/23/2010</td> </tr> <tr> <td>Hugues Dubedout</td> <td>11/23/2010</td> </tr> </tbody> </table>		Name	Execution Date	Nicoleta Neagu	11/23/2010	Hugues Dubedout	11/23/2010				
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>L'Air Liquide Societe Anonyme Pour L'Etude Et L'Exploitation Des Procedes Georges Claude</td> </tr> <tr> <td>Street Address:</td> <td>75 quai d'Orsay</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>75007</td> </tr> </table>		Name:	L'Air Liquide Societe Anonyme Pour L'Etude Et L'Exploitation Des Procedes Georges Claude	Street Address:	75 quai d'Orsay	City:	Paris	State/Country:	FRANCE	Postal Code:	75007
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CORRESPONDENCE DATA											
<p>Fax Number: (713)624-8950 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713-624-8953 Email: yvonne.loftin@airliquide.com</p> <p>Correspondent Name: American Air Liquide, Inc. Intellectual Address Line 1: 2700 Post Oak Boulevard Address Line 2: Suite 1800 Address Line 4: Houston, TEXAS 77056</p>											
ATTORNEY DOCKET NUMBER:	SERIE 8319										
NAME OF SUBMITTER:	Yvonne Loftin										
Total Attachments: 2											

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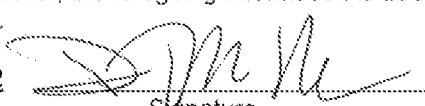
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Nicoleta Neagu Hugues Dubedout Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: L'Air Liquide Société Anonyme Pour L'Étude Et L'Exploitation Des Procédés Georges Claude Internal Address: 75 Quai d'Orsay Street Address: 75 Quai d'Orsay City: F-75007 Paris State: FRANCE Zip: Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment Merger Security Agreement Change of Name Other Execution Date: Nov. 23, 2010			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s): Application No.: 61/354,629 Filed: June 14, 2010 Application No.: 12/914,241 Filed: October 28, 2010 Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Air Liquide IP Department Internal Address: 2700 Post Oak Blvd., Ste. 1800 Street Address: 2700 Post Oak Blvd., Ste. 1800 City: Houston State: TX Zip: 77056		6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R. § 3.41) \$80.00 Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 01-1375 (Attach duplicate copy of this page if paying by deposit account)	

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- 9.** Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Donna Blalock Holguin, Reg. No. 38,082
Name of Person Signing


Signature

Dec. 01, 2010
Date

Total number of pages including cover sheet, attachments and documents: 2

Assignment of Invention

WHEREAS WE, **Nicoleta NEAGU and Hugues DUBEDOUT**, respectively, have invented certain new and useful improvements in **Robust Optimization of Bulk Gas Distribution**, for which a provisional application was filed on June 14, 2010, having application number 61/354,629; and an application for Letters Patent was filed on October 28, 2010, having Application No. 12/914,241;

WHEREAS, **L'Air Liquide Société Anonyme Pour L'Étude Et L'Exploitation Des Procédés Georges Claude** (hereinafter referred to as "ASSIGNEE") having a place of business at: 75 Quai d'Orsay, F-75007 Paris, France, desires to acquire from **Nicoleta NEAGU and Hugues DUBEDOUT**, 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 and in any and all foreign countries;

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 and in all foreign countries, 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 any and all foreign countries 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 and any and all foreign countries 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 and in any and all foreign countries.

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: 23/11/2010



Nicoleta NEAGU, Inventor

Date: 23/11/2010



Hugues DUBEDOUT, Inventor