

# PATENT ASSIGNMENT

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Pierre Briend	10/06/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	L'Air Liquide Societe Anonyme Pour l'Etude et l'Exploitation Des Procedes Georges Claude
<b>Street Address:</b>	75 quai d'Orsay
<b>City:</b>	Paris
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75007
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12602734
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<b>NAME OF SUBMITTER:</b>	Yvonne Loftin
<b>Total Attachments: 2</b> source=S7494_US_2010_01_15_Assignment_as_filed_ELH#page1.tif source=S7494_US_2010_01_15_Assignment_as_filed_ELH#page2.tif	

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**PATENT**  
**REEL: 023798 FRAME: 0405**

## PATENTS ONLY

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

1. Name of conveying party(ies):  
Pierre BriendAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ 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? ☐ Yes ☒ No

3.. Nature of Conveyance:

☒ Assignment

Security Agreement

Other

Merger

Change of Name

Execution Date: October 6, 2009

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.: 12/602,734****Filed: December 2, 2009**

B. Patent No.(s):

Additional numbers attached? Yes ☒ No5. 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) **\$40.00**

Enclosed

☒ 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.**Elwood L. Haynes, Reg. No. 55,254**

Name of Person Signing

/Elwood L. Haynes/

Signature

January 15, 2010

Date

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

**Assignment of Invention**

WHEREAS I, **Pierre BRIEND** of 17, rue de Quirole, 38170 SEYSSINET (France) has invented certain new and useful improvements in: **Method and device for the cryogenic separation of a methane-rich flow** for which: (a) an application for Letters Patent was filed on Dec. 2, 2009 (12/602,734); or (b) for which an application for a United States patent was executed on \_\_\_\_\_, and

WHEREAS, **L'Air Liquide, Société Anonyme Pour l'Etude et l'Exploitation des Procédés Georges Claude** having a place of business at: 75 Quai d'Orsay, 75321 PARIS CEDEX 07, FRANCE (hereinafter referred to as "ASSIGNEE") desire to acquire the entire right, title and interest 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;

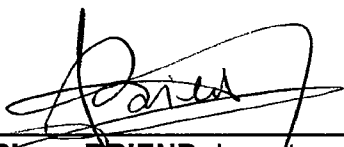
NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, we by these presents do sell, assign and transfer unto said ASSIGNEES, effective as of the first priority date, the full and exclusive right to the said invention in the United States and its territorial possessions, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions, and in and to any and all 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 our entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, 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 ASSIGNEES or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions.

The undersigned hereby grant(s) authorized representatives of the above identified ASSIGNEE(S) 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 : October 6, 2009

  
\_\_\_\_\_  
**Pierre BRIEND**, Inventor