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SHEET

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J Rec'd PCT/PTO 18 OCT 2005

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Olivier RIU
Guillaume DE SOUZA
Emmanuelle BROMETAdditional name(s) of conveying party(ies) attached? Yes ☐ No

2. Name and address of receiving party(ies):

Name: L'Air Liquide, Société Anonyme à
Directoire et Conseil de Surveillance pour l'Étude
et l'Exploitation des Procédés Georges Claude
Internal Address: 75 Quai d'Orsay
Street Address: 75 Quai d'Orsay
City: 75321 Paris State: Cedex 07
Country: FranceAdditional name(s) & address(es) attached? Yes ☐ No

3. Nature of Conveyance:

Execution Date(s): Aug. 24, 2005, Aug. 28, 2005, &
Sept. 13, 2005☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

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: October 18, 2005

A. Patent Application No.(s):

B. Patent No.(s):

10553545

Additional numbers attached? Yes ☐ No5. Name and address of party to whom
correspondence concerning document should be
mailed:Name: Linda K. Russell
Internal Address: 2700 Post Oak Blvd., Ste. 1800
Street Address: 2700 Post Oak Blvd., Ste. 1800
City: Houston State: TX Zip: 77056
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E-mail Address: linda.russell@airliquide.com6. 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. Payment Information

a. Deposit Account Number: 01-1375
b. Authorized User Name: Linda K. Russell
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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.Linda K. Russell, Reg. No. 34,918
Name of Person Signing

Signature

October 18, 2005
Date

10/25/2005 LLANDGRA 00000040 011375 10553545

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

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Assignment of Invention

WHEREAS, I, **Emmanuelle Bromet, 13 rue du Dr Launay, 92500 Rueil Malmaison, France ; Guillaume De Souza, 1 rue du Capitaine Ferber, 92130 Issy les Moulineaux, France ; Olivier Riu, 301 rue Lecourbe, 75015 Paris, France** have invented certain new and useful improvements in "*Method of treating a gas mixture comprising propane and propylene*"

which: (a) an application for Letters Patent was filed on HEREWITH, having Application No. _____; or (b) for which an application for a United States patent was executed on _____, and

WHEREAS, **L'Air Liquide, Société Anonyme à Directoire et Conseil de Surveillance pour l'Etude et l'Exploitation des Procédés Georges Claude** (hereinafter referred to as "ASSIGNEE") having a place of business at: 75 quai d'Orsay 75321 PARIS CEDEX 07, France, desires 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 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 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 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 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 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: 24/8/05


Name of Inventor, Emmanuelle BROMET

Date: 28/08/2005


Name of Inventor, Guillaume De Souza

Date: 13/09/2005


Name of Inventor, Olivier RIU

PATENT**RECORDED: 10/18/2005****REEL: 017885 FRAME: 0745**