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attached ginal documents or copy

DEPARTMENT OF COMMERCE

Tetent and Trademark Office

To the Hon. Commissioner of Pathereof.

101327242

1. Name of conveying party(ies):

Christian MONEREAU, Yves ENGLER, Guillaume DE SOUZA and Pierre Olivier DOLLE

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement

[] Change of Name

[] Other

Execution Dates: September 21, 1999; September 21, 1999; September 13, 1999; and September 9, 1999

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

Name:

L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE

Street Address:

75, Quai d'Orsay 75321 Paris Cedex 07, France

4. Application number(s) or patent (numbers):
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

09/365,776

B. Patent No(s).

5. Name and address of party to whom correspondence concerning document should 6. To

be mailed:

YOUNG & THOMPSON Second Floor 745 South 23rd Street

Arlington, VA 22202

6. Total number of applications and patents involved:

1

[] Enclosed

Additional numbers attached? [] Yes [X] No

(XI Authorized to be charged to deposit

account

8. Deposit Account No. 25-0120

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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.

Mary Shelton
Name of Person Signing

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March 13, 200

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Total number of pages including cover sheet: [3]

PATENT REEL: 010701 FRAME: 0855

ASSIGNMENI

WHEREAS, we, Christian MONEREAU, Yves ENGLER, Guillaume DE SOUZA and Pierre Olivier DOLLE, hereafter referred to as "applicants", have invented certain new and useful improvements in

PROCESS FOR SEPARATION OF A GAS MIXTURE BY PRESSURE SWING ADSORPTION AND PLANT FOR ITS IMPLEMENTATION,

(a) for which an application for a United States patent was filed on
 03/08/1999 , Application No. <u>09/365-776</u> ,
(b) for which an application for a United States patent was executed on
 , and

WHEREAS, L'Air Liquide, Société Anonyme Pour l'Étude et l'Exploitation des Procédés Georges Claude, of 75 Quai d'Orsay, 75321 Paris Cedex 07, France, hereinafter referred to as "assignee", is desirous of acquiring the entire right, title and interest in and to the same;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicants, by these presents, do hereby sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicants had this assignment and sale not been made.

Applicants hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States patents to said assignee.

Date: 21 SEP 1999

Christian MONEREAL

PATENT REEL: 010701 FRAME: 0856

Date:	< \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Date: 13 Sept 1999	Yves ENGLER
Date: 09	Guillaume DE SOUZA
V J	Pierre Olivier DOLLE

RECORDED: 03/13/2000

PATENT REEL: 010701 FRAME: 0857