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01-17-2001

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

101584678

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

1. Name of conveying party(ies):

Christian MONEREAU and Serge MOREAU

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

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Change of Name

[] Other

I I Security Agreement

Execution Date(s): November 24, 2000

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

Name:

L'Air Liquide, Societe Anonyme

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(s) of the application is/are: November 24, 2000

A. Patent Application No(s).

B. Patent No(s).

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

be mailed:

Customer No. 000466 YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, VA 22202

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00

[X] Enclosed

Additional numbers attached? [] Yes [X] No

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deposit account

8. Deposit Account No. 25-0120

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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.

<u>Isiah Avila</u>

Name of Person Signing

Total number of pages including cover sheet: [2]

01/08/2001 EFLORES 00000119 09753660

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PATENT REEL: 011420 FRAME: 0599

ASSIGNMENT

WHEREAS, I/we, Christian MONEREAU, Serge MOREAU hereafter referred to as "applicant(s)", have invented certain new and useful improvements

PROCESS FOR PURIFYING A GAS BY ADSORPTION OF THE IMPURITIES ON SEVERAL ACTIVE CARBONS

(a) for which an application for a United States patent was filed on
Application No,
(b) for which an application for a United States patent was executed on

WHEREAS, L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE – 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, applicant(s), by these presents, do(es) 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 applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee.

Date: 24/11/00

and

Date: 24/11100

RECORDED: 01/04/2001

2hristian MONEREAU

Serge MOREAU

PATENT REEL: 011420 FRAME: 0600