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PATENTS ONLY

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SHEET

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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

1. Name of conveying party(ies):  
**Christian DUSSARRAT**  
**Jean-Marc GIRARD** *10-12-04*

Additional 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: **France**

Additional name(s) & address(es) attached? Yes  No

3. Nature of Conveyance:  
 Assignment  
 Security Agreement  
 Other

Merger  
 Change of Name

Execution Date: **May 15, 2004 & May 20, 2004**

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):  
**10/497,455, Filed May 28, 2004**  
**Filed Internationally November 27, 2002**

B. Patent No.(s):

Additional numbers attached? Yes  No

5. 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**

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:  
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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 6, 2004  
 Date

Total number of pages including cover sheet, attachments and documents: **3**

**Assignment of Invention**

WHEREAS, WE, **Christian DUSSARRAT** – Matsushiro 4-15-2-204, Tsukuba IBARAKI 305-0035, Japan ; **Jean-Marc GIRARD** – 12, rue Michel Chasles 75012 PARIS, France ;

respectively, have invented certain new and useful improvements in :

**Method for depositing silicon nitride films and silicon oxynitride films by chemical vapor deposition**

for which :

(a) an application for Letters Patent was filed on May 28, 2004, having Application No. 10/497,455,

(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'Étude 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: May 15, 2004

<sup>2</sup> all  
Christian DUSSARRAT

Date: May 20, 2004

JM  
Jean-Marc GIRARD