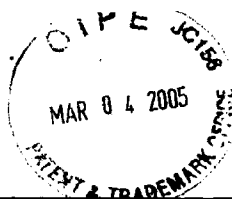


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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**PATENTS ONLY**

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

1. Name of conveying party(ies):

Philippe FERTExecution Date(s): **February 21, 2005**Additional name(s) of conveying party(ies) attached? Yes ☐ No

3. Nature of Conveyance:

☒ Assignment
☐ Security Agreement
☐ Other

☐ Merger
☐ Change of Name

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

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):

11/011,276, Filed December 13, 2004

B. Patent No.(s):

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****Phone: (713) 624-8956 Fax: (713) 624-8950****E-mail Address: linda.russell@airliquide.com**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 account8. 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.

Linda K. Russell, Reg. No. 34,918

Name of Person Signing

Signature
March 1, 2005

Date

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

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Assignment of Invention

WHEREAS, I, **Philippe FERT** of rue de la Place, 84110 FAUCON (France), has invented certain new and useful improvements in: **Cooling apparatus and process** for which: (a) an application for Letters Patent was filed on DEC. 11, 2004, having Application No. 11/011,276; 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'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;

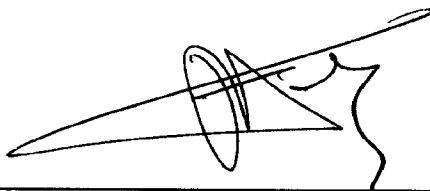
NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, we by these presents do sell, assign and transfer unto said ASSIGNEE, effective as of the first priority date, the full and exclusive right to the said invention in the United States and its territorial possessions, 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:

2/2/2005

Philippe FERT, (Inventor)