

07-23-1998

*NRD*  
*7-21-98*

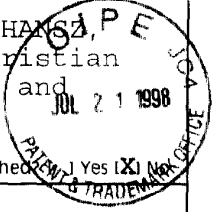


100773332

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

1. Name of conveying party(ies):

Francis REMY, Bernard HANSA,  
Vincent GOURLAOUEN, Christian  
CODDET, Francois PESME and  
Han Lin LIAO



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

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

3. Nature of conveyance:

- Assignment             Merger
- Security Agreement        Change of Name
- Other

Execution Dates: March 25, 1998; April 14, 1998;  
March 30, 1998; April 19, 1998; April 9, 1998 and  
April 1, 1998

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).

09/060,463

B. Patent No(s).

Additional numbers attached?  Yes  No

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

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account No. 25-0120

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

07/23/1998 DNGUYEN 00000339 250120 09060463

01 FC:561 40.00 CH

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

*Mary Shelton*  
Signature

July 21, 1998  
Date

Total number of pages including cover sheet: **141**

ASSIGNMENT

WHEREAS, I/WE, Francis REMY, Bernard HANSZ, Vincent GOURLAOUEN, Christian CODDET, François PESME et Han Lin LIAO

hereafter referred to as "applicant", have invented certain new and useful improvements in

HEAT-TREATMENT DEVICE AND PROCESS

(a) for which an application for a United States patent was filed on

, Application N° ,

(b) for which an application for a United States patent was executed on March 25, 1998 and March 30, 1998, , and

WHEREAS, **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES 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, applicant, by these presents, does 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 had this assignment and sale not been made.

Applicant hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said United States patents to said assignee.

Date: 25 March 1998

Francis REMY

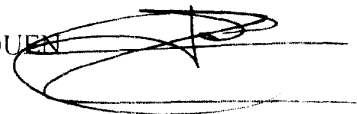


Date:

Bernard HANSZ

Date: 30/03/1998

Vincent GOURLAOUEN



Date:

Christian CODDET

Date:

François PESME

Date:

Han Lin LIAO

ASSIGNMENT

WHEREAS, I/WE, Francis REMY, Bernard HANSZ, Vincent GOURLAOUEN, Christian CODDET, François PESME et Han Lin LIAO

hereafter referred to as "applicant", have invented certain new and useful improvements in

HEAT-TREATMENT DEVICE AND PROCESS

(a) for which an application for a United States patent was filed on

Application N°

(b) for which an application for a United States patent was executed on March 31, 1998, March 31, 1998 and April 1, 1998,

WHEREAS, L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES 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;

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Applicant hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said United States patents to said assignee.

Date:

Francis REMY

Date: 14-4-98

  
Bernard HANSZ

Date:

Vincent GOURLAOUEN

Date: 19-4-98

Christian CODDET



Date:

François PESME

Date: 5-4-98

Han Lin LIAO

  
PATENT

ASSIGNMENT

WHEREAS, I/WE, Francis REMY, Bernard HANSZ, Vincent GOURLAOUEN, Christian CODDET, François PESME et Han Lin LIAO

hereafter referred to as "applicant", have invented certain new and useful improvements in

HEAT-TREATMENT DEVICE AND PROCESS

(a) for which an application for a United States patent was filed on

, Application N°

(b) for which an application for a United States patent was executed on

March 31, 1998, and

WHEREAS, **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES 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;

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Applicant hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said United States patents to said assignee.

Date: Francis REMY

Date: Bernard HANSZ

Date: Vincent GOURLAOUEN

Date: Christian CODDET

Date: François PESME

Date: Han Lin LIAO