

FORM PTO-1595
(Rev. 6/93)

04-27-1998

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Attorney's Docket No. 016499-375

100695173

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

1. Name of conveying party(ies):

Yves ENGLER; and Gerard DUPUIS

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Other: _____

Execution Date: April 14, 1998, February 24, 1998

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

Name: AIR LIQUIDE AMERICA CORPORATION

Address: 2700 POST OAK BLVD., SUITE 1800

HOUSTON, TEXAS 77056

L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE
ET L'EXPLOITATION DES PROCEDES GEORGES
CLAUDE, 75 QUAI D'ORSAY, 75321 PARIS CEDEX
07, 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)

08/991,655

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: E. Joseph Gess, Esq.

Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Post Office Box 1404

Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 1

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

☒ Enclosed

☐ Authorized to be charged to deposit account, if necessary

8. Deposit account number:

02-4800

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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.

Nhat D. Phan
Name of Person Signing

Signature

4/17/98
Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

PATENT
REEL: 9116 FRAME: 0353

(BDSM 8)
(4/96)

Assignment of Invention

WHEREAS, WE, Yves ENGLER, of 54, Avenue de la République, 94 300 Vincennes, France, and Gerard DUPUIS, of 57 Waldale Court, Walnut Creek, California 94596, have invented certain new and useful improvements in: "IMPROVED PROCESS FOR RECOVERING OLEFINS FROM CRACKED GASES" for which an application for Letters Patent Serial No. 08/991,655, was filed December 16, 1997; and

WHEREAS, AIR LIQUIDE AMERICA CORPORATION (hereinafter referred to as "ASSIGNEE") having a place of business at: 2700 Post Oak Blvd., Suite 1800, Houston, Texas 77056 desires to acquire from Gerard DUPUIS the entire right, title and interest he has 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 and in any and all foreign countries;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, all my right to the said invention in the United States and its territorial possessions and in all foreign countries and my entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

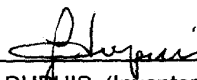
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf 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, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me 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 and in any and all foreign countries.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE 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.

EXECUTED AT: U.S.A.

Date: 4/14/98



Gerard DUPUIS, (Inventor)

Assignment of Invention

WHEREAS, We, Yves ENGLER, 54, Avenue de la République, 94 300 Vincennes, France and Gerard DUPUIS of 57 Waldale Court, Walnut Creek, California 94596, have invented certain new and useful improvements in: IMPROVED PROCESS FOR RECOVERING OLEFINS FROM CRACKED GASES for which an application for Letters Patent Serial No. 08/991,655, filed December 16, 1997; and

WHEREAS, L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES 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 from Yves ENGLER the entire right, title and interest he has 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 and in any and all foreign countries;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, all my right to the said invention in the United States and its territorial possessions and in all foreign countries and my entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its (his) 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 (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (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 (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) authorized representatives of the above identified ASSIGNEE 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.

EXECUTED AT: France

Date: 02/24/98



Yves ENGLER (Inventor)