

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Arthur DARDE	07/30/2007
Jean-Pierre TRANIER	07/30/2007
Bao HA	07/18/2007
RECEIVING PARTY DATA	
Name:	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
Street Address:	75 Quai d'Orsay
City:	Paris CEDEX 07
State/Country:	FRANCE
Postal Code:	75321
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11776483
CORRESPONDENCE DATA	
Fax Number:	(713)624-8950
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>
Phone:	(713) 624-8752
Email:	diana.guzman@airliquide.com
Correspondent Name:	Elwood L. Haynes
Address Line 1:	2700 Post Oak Blvd.
Address Line 2:	Suite 1800
Address Line 4:	Houston, TEXAS 77056
ATTORNEY DOCKET NUMBER:	SERIE 7521
NAME OF SUBMITTER:	Elwood L. Haynes #55,254

CH \$40.00 11776483

Total Attachments: 4

500348049

**PATENT
 REEL: 019785 FRAME: 0619**

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Assignment of Invention

WHEREAS **Arthur DARDE**, **Bao HA**, and **Jean-Pierre TRANIER**, respectively, have invented certain new and useful improvements in **PROCESS AND APPARATUS FOR THE SEPARATION OF A GASEOUS MIXTURE**, for which an application for Letters Patent was filed July 11, 2007, having Application No. 11/776,483;

WHEREAS, **L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude** (hereinafter referred to as "ASSIGNEE", whether one or more), having a place of business at 75 Quai d'Orsay, 75321 Paris CEDEX 07, France, desires to acquire from **Arthur DARDE** and **Jean-Pierre TRANIER** the entire right, title, and interest we have 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, 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 said invention in the United States and its territorial possessions and in all foreign countries, and the 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 subsequent provisionals, non-provisionals, divisions, reissues, continuations, substitutions and renewals thereof.

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 the 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/us 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 me/us respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, 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.

Date: 30 JULY 07



Arthur DARDE

Date: 30 Jul 07



Jean-Pierre TRANIER

PATENT

REEL: 019785 FRAME: 0622

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Bao HA

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

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

Name: Air Liquide Process & Construction, Inc.

Internal Address: Suite 1800

Street Address: 2700 Post Oak Blvd.

City: Houston State: TX Zip: 77056

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

3. Nature of Conveyance:

Execution Date(s): July 18, 2007

 Assignment

Merger

Security Agreement

Change of Name

Other

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):

11/776,492, Filed July 11, 2007

B. Patent No.(s):

Additional numbers attached? Yes No

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

Name: Elwood L. Haynes

Internal Address: 2700 Post Oak Blvd., Ste. 1800

Street Address: 2700 Post Oak Blvd., Ste. 1800

City: Houston State: TX Zip: 77056

Phone: (713) 624-8952 Fax: (713) 624-8950

E-mail Address: elwood.haynes@airliquide.com

6. 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. Payment information

a. Deposit Account Number: 01-1375

b. Authorized User Name: Brandon S. Clark

(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.

Brandon S. Clark, Reg. No. 59,020

Name of Person Signing



Signature

September 4, 2007

Date

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

Assignment of Invention

WHEREAS Arthur DARDE, Bao HA, and Jean-Pierre TRANIER, respectively, have invented certain new and useful improvements in **PROCESS AND APPARATUS FOR THE SEPARATION OF A GASEOUS MIXTURE**, for which an application for Letters Patent was filed July 11, 2007, having Application No. 11/776,483;

WHEREAS, **Air Liquide Process & Construction, Inc.** (hereinafter referred to as "ASSIGNEE", whether one or more), having a place of business at 2700 Post Oak Blvd., Suite 1800, Houston, Texas 77056, desires to acquire from **Bao HA** the entire right, title, and interest I have 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, effective as of the first priority date, the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries, and the 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 subsequent provisionals, non-provisionals, divisions, reissues, continuations, substitutions and renewals thereof.

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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.

Date:

July 16, 2007



Bao HA