

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Erwin PENFORNIS	04/07/2009
Guillaume DE SMEDT	04/08/2009
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
State/Country:	FRANCE
Postal Code:	F-75007
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12513997
CORRESPONDENCE DATA	
Fax Number:	(713)624-8950
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	713-624-8434
Email:	Camela.Hill@airliquide.com
Correspondent Name:	Air Liquide IP Department
Address Line 1:	2700 Post Oak Blvd. Suite 1800
Address Line 4:	Houston, TEXAS 77056
ATTORNEY DOCKET NUMBER:	SERIE 7217
NAME OF SUBMITTER:	Christopher J. Cronin
Total Attachments: 3 source=S7217_US_2009-05-07_Assignment_and_Coversheet_as_filed#page1.tif source=S7217_US_2009-05-07_Assignment_and_Coversheet_as_filed#page2.tif	

CH \$40.00 12513997

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**PATENT
 REEL: 022654 FRAME: 0147**

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):
Erwin PENFORNIS April 7, 2009
Guillaume DE SMEDT April 8, 2009

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

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

Name: **L'Air Liquide Société Anonyme Pour L'Étude Et L'Exploitation Des Procèdes Georges Claude**

Internal Address: **75 Quai d'Orsay**

Street Address: **75 Quai d'Orsay**

City: **F-75007 Paris** State: **FRANCE** Zip:

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

3.. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: See Above

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):
Application No.: 12/513,997
Filed: May 7, 2009

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Air Liquide IP Department**

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

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

City: **Houston** State: **TX** Zip: **77056**

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. Deposit account number:
01-1375
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Christopher J. Cronin, Reg. No. 46,513 /Christopher J. Cronin/ May 7, 2009
Name of Person Signing Signature Date

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

Assignment of Invention

WHEREAS, I, **PENFORNIS Erwin, DE SMEDT Guillaume** have invented certain new and useful improvements in "*Process for manufacturing clinker with controlled CO2 emission*" which: (a) an application for Letters Patent was filed on May 7, 2009, having Application No. 12/513,997; or (b) for which an application for a United States patent was executed on _____, and


WHEREAS, **L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude** (hereinafter referred to as "ASSIGNEE") having a place of business at: 75 quai d'Orsay 75007 PARIS, 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: 08/04/2009


 DE SMEDT Guillaume, (Inventor)

Date: _____

 PENFORNIS Erwin, (Inventor)

Assignment of Invention

WHEREAS, I, **PENFORNIS Erwin, DE SMEDT Guillaume** have invented certain new and useful improvements in "*Process for manufacturing clinker with controlled CO2 emission*" which: (a) an application for Letters Patent was filed on May 7, 2009, having Application No. 12/513,997; or (b) for which an application for a United States patent was executed on _____, and

WHEREAS, **L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude** (hereinafter referred to as "ASSIGNEE") having a place of business at: 75 quai d'Orsay 75007 PARIS, 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: _____

DE SMEDT Guillaume, (Inventor)

Date: 07/04/09



PENFORNIS Erwin, (Inventor)