

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Henri CHEVREL	10/21/2010
Dominique BELOT	10/13/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
<b>Street Address:</b>	75 Quai d'Orsay
<b>City:</b>	Paris
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-75007
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12994095
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)624-8950
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<b>Phone:</b>	(713)624-8973
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<b>Correspondent Name:</b>	Air Liquide USA, LLC IP Dept.
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<b>ATTORNEY DOCKET NUMBER:</b>	SERIE 7793
<b>NAME OF SUBMITTER:</b>	Patricia E. McQueeney #49083

CH \$40.00 12994095

Total Attachments: 3  
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**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):**

**Henri CHEVREL**                      **Oct. 21, 2010**  
**Dominique BELOT**                **Oct. 13, 2010**

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 Procédés Georges  
Claude**

Street Address: **75 Quai d'Orsay**City: **Paris**    Country: **France**    Zip: **F-75007**Additional name(s) & address(es) attached? Yes  **No****3. Nature of Conveyance:**

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: **November 22, 2010**

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? Yes  **No****5. Name and address of party to whom correspondence concerning document should be mailed:**

Name: **Patricia E. McQueeney**  
Internal Address: **Suite 1800**  
Street Address: **2700 Post Oak Blvd.**  
City: **Houston**    State: **TX**    Zip: **77056**  
Phone: **(302) 286-5458**    Fax: **(713) 624-8950**  
E-mail Address: **patricia.mcqueeney@airliquide.com**

**6. Total number of applications and patents involved:** 

**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: **Patricia E. McQueeney**

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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.

Patricia E. McQueeney, Reg. No. 49,083  
Name of Person Signing

/Patricia E. McQueeney/  
Signature

November 22, 2010  
Date

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

*Assignment of Invention*

WHEREAS, I, CHEVREL Henri, BELOT Dominique have invented certain new and useful improvements in "**PRODUCTION OF SILANES BY ACID HYDROLYSIS OF ALLOYS OF SILICON AND OF ALKALINE-EARTH METALS OR ALKALINE-EARTH METAL SILICIDES**"

which: (a) an application for Letters Patent was filed on 21 APRIL 2009, having Application No. PCT/FR2009/050734; 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: 21 October 2010

  
\_\_\_\_\_  
Henri CHEVREL

Date: \_\_\_\_\_

\_\_\_\_\_  
Dominique BELOT

*Assignment of Invention*

WHEREAS, I, CHEVREL Henri, BELOT Dominique have invented certain new and useful improvements in "**PRODUCTION OF SILANES BY ACID HYDROLYSIS OF ALLOYS OF SILICON AND OF ALKALINE-EARTH METALS OR ALKALINE-EARTH METAL SILICIDES**"

which: (a) an application for Letters Patent was filed on 21 APRIL 2009, having Application No. PCT/FR2009/050734; or (b) for which an application for a United States patent was executed on \_\_\_\_\_, and

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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.

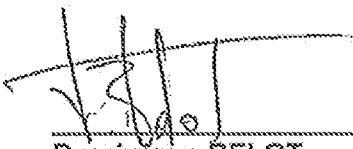
Further, we agree that we will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment 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: \_\_\_\_\_

\_\_\_\_\_  
Henri CHEVREL

Date: 04.13.2010

  
\_\_\_\_\_  
Dominique BELOT

**PATENT**