

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Nicolas BLASCO	07/31/2009
Christian DUSSARRAT	06/10/2009
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:	12303165
CORRESPONDENCE DATA	
Fax Number:	(713)624-8950
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	713-624-8973
Email:	diana.guzman@airliquide.com
Correspondent Name:	Brandon S. Clark
Address Line 1:	2700 Post Oak Blvd.
Address Line 2:	Suite 1800
Address Line 4:	HOUSTON, TEXAS 77056
ATTORNEY DOCKET NUMBER:	SERIE 7182
NAME OF SUBMITTER:	Brandon S. Clark #59,020
Total Attachments: 3 source=S7182_US_2009-08-14_ASSIGNMENTS_as_filed_BSC#page1.tif	

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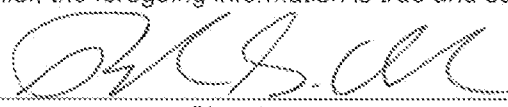
**PATENT
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PATENTS ONLY

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): Nicolas BLASCO Christian DUSSARRAT Jul. 31, 2009 Jun. 10, 2009 Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment Security Agreement Other Merger Change of Name		4. Application number(s) or patent number(s): A. Patent Application No.(s): 12/303,165, Filed December 2, 2008 Filed Internationally June 6, 2006 B. Patent No.(s): If this document is being filed together with a new application, the execution date of the application is: Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Brandon S. Clark Internal Address: Suite 1800 Street Address: 2700 Post Oak Blvd. City: Houston State: TX Zip: 77056 Phone: (713) 624-8787 Fax: (713) 624-8950 E-mail Address: brandon.clark@airliquide.com		6. Total number of applications and patents involved: <input type="text" value="1"/> 7. Total fee (37 C.F.R. § 3.41) \$40.00 Enclosed <input checked="" type="checkbox"/> 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)	
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. Brandon S. Clark, Reg. No. 59,020 Name of Person Signing  Signature August 14, 2009 Date			
Total number of pages including cover sheet, attachments and documents: 3			

Assignment of Invention

WHEREAS WE, **Nicolas BLASCO and Christian DUSSARRAT**, respectively, have invented certain new and useful improvements in "Method of Forming High-K Dielectric Films Based on Novel Titanium, Zirconium, and Hafnium Precursors and Their Use for Semiconductor Manufacturing", for which an application for Letters Patent was filed on December 2, 2008, having Application No. 12/303,165;

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, F-75007 Paris, France, desires to acquire from **Nicolas BLASCO and Christian DUSSARRAT** 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: 31/07/09



Nicolas BLASCO, Inventor

Date: _____

Christian DUSSARRAT, Inventor

Assignment of Invention

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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, F-75007 Paris, France, desires to acquire from **Nicolas BLASCO and Christian DUSSARRAT** 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.

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Date: _____

Nicolas BLASCO, Inventor

Date: 06/10/2009



Christian DUSSARRAT, Inventor