

# PATENT ASSIGNMENT

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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>
Philippe LEFEBVRE	01/06/2011
Karim CHOUF	01/06/2011
<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>	13120673
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b> (713)624-8950 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> <b>Phone:</b> 713-624-8953 <b>Email:</b> Camela.Hill@airliquide.com <b>Correspondent Name:</b> American Air Liquide, Inc. Intellectual <b>Address Line 1:</b> 2700 Post Oak Boulevard <b>Address Line 2:</b> Suite 1800 <b>Address Line 4:</b> Houston, TEXAS 77056	
<b>ATTORNEY DOCKET NUMBER:</b>	SERIE 7863
<b>NAME OF SUBMITTER:</b>	Allen E. White
<b>Total Attachments: 2</b> source=S7863_US_2011-03-24_Assignment_and_CoverSheet_as_filed_AEW#page1.tif source=S7863_US_2011-03-24_Assignment_and_CoverSheet_as_filed_AEW#page2.tif	

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**PATENT**  
**REEL: 026012 FRAME: 0849**

## PATENTS ONLY

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

<b>1. Name of conveying party(ies):</b>  <b>Philippe LEFEBVRE Karim CHOUF</b>  Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input type="checkbox"/>		<b>2. Name and address of receiving party(ies):</b>  Name: <b>L'Air Liquide Société Anonyme Pour L'Étude Et L'Exploitation Des Procédés Georges Claude</b>  Internal Address: <b>75 Quai d'Orsay</b>  Street Address: <b>75 Quai d'Orsay</b>  City: <b>Paris</b> State: <b>FRANCE</b> Zip: <b>F-75007</b>  Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>3. Nature of Conveyance:</b>  <input type="checkbox"/> Assignment                      Merger Security Agreement              Change of Name Other Execution Date: <b>January 6, 2011</b>			
<b>4. Application number(s) or patent number(s):</b>  If this document is being filed together with a new application, the execution date of the application is: _____  A. Patent Application No.(s):  <b>Application No.: 13/120,673 Filed: March 24, 2011</b>  Additional numbers attached? Yes <input type="checkbox"/> No <input type="checkbox"/>			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <b>Air Liquide IP Department</b>  Internal Address: <b>2700 Post Oak Blvd., Ste. 1800</b>  Street Address: <b>2700 Post Oak Blvd., Ste. 1800</b>  City: <b>Houston</b> State: <b>TX</b> Zip: <b>77056</b>		<b>6. Total number of applications and patents involved:</b> <span style="border: 1px solid black; padding: 2px;">1</span>	
		<b>7. Total fee (37 C.F.R. § 3.41) \$40.00</b>  Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
		<b>8. Deposit account number:</b> <b>01-1375</b> (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.

Allen E. White, Reg. No. 55,727

Name of Person Signing

/Allen E. White/

Signature

March 24, 2011

Date

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

**Assignment of Invention**

WHEREAS WE, **LEFEBVRE Philippe and CHOUF Karim**, respectively, have invented certain new and useful improvements in **Method for CO2 laser welding with a dynamic jet nozzle**, for which an application for Letters Patent was filed on March 24, 2011, having Application No. 13/120,673;

WHEREAS, **L'Air Liquide, Société Anonyme pour l'Étude et l'Exploitation des Procédés Georges Claude**, a French corporation, having offices at 75 quai d'Orsay, Paris, FRANCE 75007 (hereinafter referred to as "ASSIGNEE"), desires to acquire from **LEFEBVRE Philippe and CHOUF Karim**, 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;

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, including the right to claim priority of the above-mentioned patent application(s) in patent applications filed in or for any such foreign country, 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 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 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 had this Assignment and sale not been made.

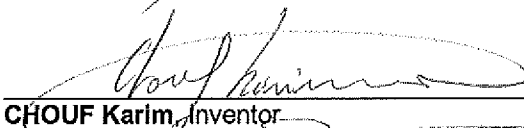
Further, we agree that we will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuation, substitute, renewal and reissue applications, execute 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.

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: 4/11/2011

  
LEFEBVRE Philippe, Inventor

Date: 04/01/2011

  
CHOUF Karim, Inventor