

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AMERICAN AIR LIQUIDE, INC.	02/05/2013
RECEIVING PARTY DATA	
Name:	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédés 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:	13713646
CORRESPONDENCE DATA	
Fax Number:	7136248950
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	713-624-8953
Email:	michelle.hayden-c@airliquide.com
Correspondent Name:	AIR LIQUIDE USA LLC
Address Line 1:	2700 POST OAK BOULEVARD, SUITE 325
Address Line 2:	IP DEPARTMENT 22ND FLOOR
Address Line 4:	HOUSTON, TEXAS 77056-6797
ATTORNEY DOCKET NUMBER:	S9392 US
NAME OF SUBMITTER:	Elwood L. Haynes
Total Attachments: 1 source=S9392_US_Assignment_AAL_ALSA_signed#page1.tif	

CH \$40.00 13713646

ASSIGNMENT

WHEREAS, American Air Liquide, Inc., a Delaware corporation, having offices at 46409 Landing Parkway, Fremont, CA 94538 ("Assignor"), has rights and title to the following patents or patent applications:

Entitled: COPRODUCTION OF OXYGEN, HYDROGEN, AND NITROGEN USING ION TRANSPORT MEMBRANES

U.S. Patent Application 13/713,646 filed on December 13, 2012

(hereinafter referred to as the "Invention(s)"); and

WHEREAS, L'Air Liquide Societe Anonyme Pour L'Etude Et L'Exploitation Des Procedes Georges Claude, a French corporation, having offices at 75 quai d'Orsay, Paris, FRANCE 75007 ("Assignee"), is desirous of acquiring an interest in the Invention(s):

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all of Assignor's right, title and interest in and to the Invention(s) in the United States and in and to all foreign counterparts, including patents, utility models and industrial designs, and in and to any Letters Patent and registrations which may hereafter be granted on the same in the United States and in all countries throughout the world; and further including: (i) all income, royalties, and damages now and hereafter due and/or payable to Assignor, including without limitation, damages and payments for past or future infringements and misappropriations thereof; (ii) all rights to sue for past, present and future infringements or misappropriations thereof; and (iii) all rights corresponding to any of the above throughout the world, including the right to claim priority of the US patent applications in patent applications filed in or for any foreign country. The rights, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of the foreign counterparts of the Invention(s), (b) execute, verify, acknowledge and deliver or possibly deliver all such further papers, including instruments of transfer and (c) perform other such acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the Invention(s) in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed by its duly authorized officer on the date set forth below.

Assignor:

Charlotta LJUNGDAHL
Authorized representative

Assignee

Thierry Sueur
Authorized representative

Date: 2/5/13

Date: 12 FEB - 2013

PATENT