#### 503474775 09/11/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3521401

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ARTHUR DARDE	03/25/2015
MATHIEU LECLERC	03/25/2015
THOMAS MOREL	03/30/2015

### **RECEIVING PARTY DATA**

Name:	L'AIR LIQUIDE, SOCIÉTÉ 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:	14651115

## **CORRESPONDENCE DATA**

Fax Number: (713)624-8950

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 713-624-8953

Email: NEVA.DARE-SC@AIRLIQUIDE.COM

AIR LIQUIDE USA LLC **Correspondent Name:** 

2700 POST OAK BOULEVARD Address Line 1:

Address Line 2: **SUITE 325** 

Address Line 4: HOUSTON, TEXAS 77056

ATTORNEY DOCKET NUMBER:	S9274
NAME OF SUBMITTER:	NEVA DARE
SIGNATURE:	/Neva Dare/
DATE SIGNED:	09/11/2015

**Total Attachments: 3** 

source=S9274\_US\_Assignment-Signed#page1.tif source=S9274 US Assignment-Signed#page2.tif

 $source = S9274\_US\_Assignment - Signed \# page 3.tif$ 

Ref. No: Serie S9274

Assignment of Invention
WHEREAS [I/WE], DARDE Arthur, LECLERC Mathieu and MOREL Thomas, have invented certain new and useful improvements documented in a patent application entitled "Method for producing hydrogen by reforming hydrocarbons using steam, combined with carbon dioxide capture and steam production" for which a United States patent application was filed or October 31, 2013 having Application No. 14/651,115
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, F-75007 Paris, FRANCE (hereinafter referred to as "ASSIGNEE"), desires to acquire from DARDE Arthur, LECLERC Mathieu and MOREL Thomas the entire right, title and Interest [IWE] have in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its ferritorial possessions;
NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged [I/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), 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, continuations-in-part, reexaminations, substitutions and renewals thereof.
[IAWE] hereby authorize and request the Patent Office Officials in the United States and its territoria possessions to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of

[I/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 benefit 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, [I/WE] agree that [I/WE] will communicate to said ASSIGNEE or its representatives any facts known to me 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, INCLUDING ANY SUBSEQUENT DATE OF APPLICATION FILING AND THE APPLICATION SERIAL NUMBER, 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: <u>25 / 03 / 1</u> 5	DARDE Arthur, (knventor)	
Date:	LECLERC Mathieu, (Iriventor)	
Date:	MOREL Thomas, (Invenior)	

Ref. No: Serie S9274

# Assignment of Invention

certain new and useful improvements docur hydrogen by reforming hydrocarbons useam production" for which a	r, LECLERC Mathleu and MOREL Thomas, have invented mented in a patent application entitled "Method for producing using steam, combined with carbon dioxide capture and United States patent application was filed on ication No. 14/651.115
Claude, a French corporation having offic referred to as "ASSIGNEE"), desires to ac	Anonyme pour l'Étude et l'Exploitation des Procédés Georges les at 75 quai d'Orsay, F-75007 Paris, FRANCE (hereinafter quire from DARDE Arthur, LECLERC Mathleu and MOREL IWE] have in and to said invention and in and to any Letters ited States and its territorial possessions;
[IWE], by these presents do sell, assign an date, the full and exclusive right to the sak including the right to claim priority of the abounterest in and to any and all Letters Pater territorial possessions and in and to any	consideration, the receipt whereof is hereby acknowledged, d transfer unto said ASSIGNEE, effective as of the first priority d invention in the United States and its territorial possessions, ve-mentioned patent application(s), and the entire right, title and it which may be granted therefor in the United States and its and all subsequent provisionals, non-provisionals, divisions, reexaminations, substitutions and renewals thereof.
possessions to issue any and all of said Lette the entire right, title and interest in and to successors and assigns, to the full end of the	the Patent Office Officials in the United States and its territorial ers Patent, when granted, to said ASSIGNEE as the assignee of the same, for the sole use and benefit of said ASSIGNEE, its term for which said Letters Patent may be granted, as fully and y me had this Assignment and sale not been made.
known to me respecting said invention, and the non-provisional, divisional, continuation, subsassignment papers to cause any and all of rightful oaths, and, generally do everything provided to the said of the s	communicate to said ASSIGNEE or its representatives any facts restify in any legal proceeding, sign all lawful papers, execute all stitute, renewal and reissue applications, execute all necessary said Letters Patent to be issued to said ASSIGNEE, make all possible to aid said ASSIGNEE, its successors and assigns, to invention in the United States and its territorial possessions.
power to insert on this assignment any furth APPLICATION FILING AND THE APPLICA	horized representatives of the above identified ASSIGNEE the ner identification, INCLUDING ANY SUBSEQUENT DATE OF TION SERIAL NUMBER, which may be necessary or desirable ted States Patent and Trademark Office for recordation of this
Date:	DARDE Arthur, (Inventor)
Date: <u>25/3</u> //5	LECLERC Mathieu, (Inventor)
Date:	KEO PARIL MI

MOREL Thomas, (Inventor)

Ref. No: Serie S9274

#### Assignment of Invention

WHEREAS [I/WE	EJ. DARDE A	Arthur, L	.EGLERC	Mathieu	and MO	REL Thoma	s, have	invented
certain new and useful im	provements of	documen	ited in a pa	atent appli	cation en	titled "Metho	d for pr	oducing
hydrogen by reforming	hydrocarbo	ons usir	ig steam,	combine	ed with o	arbon dioxi	de capi	ure and
steam production"	for which	a t	Jnited S	tates p	atent a	pplication	was fi	led on
October 31, 2013	, having	Applicat	ion No. 14/	651,115				

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, F-75007 Paris, FRANCE (hereinafter referred to as "ASSIGNEE"), desires to acquire from DARDE Arthur, LECLERC Mathieu and MOREL Thomas the entire right, title and interest [IWVE] 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, [I/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), 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, continuations-in-part, reexaminations, substitutions and renewals thereof.

[I/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 benefit 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, [I/WE] agree that [I/WE] will communicate to said ASSIGNEE or its representatives any facts known to me 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, INCLUDING ANY SUBSEQUENT DATE OF APPLICATION FILING AND THE APPLICATION SERIAL NUMBER, 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:		
	DARDE Arthur, (Inventor)	
Date:		
	LECLERC Mathieu, (Inventor)	
Date: Nanch 30th 2015	- W	
*	MOREL Thomas, (Inventor)	

PATENT REEL: 036538 FRAME: 0315

RECORDED: 09/11/2015