PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vincent Gueret	01/03/2011
Christian Monereau	01/03/2011
Pluton Pullumbi	01/03/2011

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:	75007

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13057914

CORRESPONDENCE DATA

Fax Number: (713)624-8950

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

 $\neg \Gamma$

Phone: 713-624-8953

Email: yvonne.loftin@airliquide.com

Correspondent Name: American Air Liquide, Inc. Intellectual

Address Line 1: 2700 Post Oak Boulevard

Address Line 2: Suite 1800

Address Line 4: Houston, TEXAS 77056

ATTORNEY DOCKET NUMBER:	SERIE 7865
NAME OF SUBMITTER:	Yvonne Loftin

Total Attachments: 4

PATENT REEL: 025754 FRAME: 0607 \$40.00 13057

501428550

source=\$7865_US_2011_02_07_Assignment_Recordation_as_filed_DBH#page1.tif source=\$7865_US_2011_02_07_Assignment_Recordation_as_filed_DBH#page2.tif source=\$7865_US_2011_02_07_Assignment_Recordation_as_filed_DBH#page3.tif source=\$7865_US_2011_02_07_Assignment_Recordation_as_filed_DBH#page4.tif

PATENT REEL: 025754 FRAME: 0608

COMMERCE	OF FORM PTO-1595 E	RECORDATION	I FORM CO	IVER SHEET	U.S. DEPARTMENT OF PATENT AND TRADEMARK OFFICE
		PATENTS	ONLY		
To the Hone	orable Commissioner of Patents and Trac	demarks: Please re	cord the attac	ched original documents o	or copy thereof.
Vii Ch	ame of conveying party(ies): ncent Gueret nristian Monereau			ame and address of red Air Liquide Société A	ceiving party(ies): nonyme Pour L'Étude
Pluton Pullumbi Additional name(s) of conveying party(ies) attached? □Yes ■ No		Et	L'Exploitation Des Plaude		
			Internal Ad	ddress: 75 Quai d'Ors a	ау
3 Na	ature of Conveyance:	· · · · ·	Street Add	dress: 75 Quai d'Orsa	у
•		rger ange of Name	City: F-75 0	007 Paris State: FRA	NCE Zip:
Other Execution Date: January 3, 2011		lange of Name	Additional n	name(s) & address(es) att	ached? ☐ Yes ■ No
	oplication number(s) or patent number	r(s):		V W L	
lf t	this document is being filed together v	with a new applica	tion, the exe	ecution date of the app	lication is:
A.	Patent Application No.(s):		B. Pa	atent No.(s):	
	Application No.: 13/057, Filed: February 7, 20				
	Additi	l onal numbers attach	ned? Yes	■No	
CO	ame and address of party to whom co ncerning document should be mailed ame: Air Liquide IP Department		6. Total numb	ber of applications and	patents involved:
Int	ernal Address: 2700 Post Oak Blvd	l., Ste. 1800	7. To	otal fee (37 C.F.R. § 3.4	\$ 40.00
Str	reet Address: 2700 Post Oak Blvd	., Ste. 1800		Enclosed	
Cit	the Houston States TV 7 7 7 7	7056		· · · · · · · · · · · · · · · · · · ·	rged to deposit account
Cit	y: Houston State: TX Zip: 7 3	7056	01 (At	eposit account number: I-1375 tach duplicate copy of this pa count)	
	Do	O NOT USE TH			
То	atement and signature. the best of my knowledge and belief e copy of the original document.	, the foregoing info	ormation/s t	true and correct and an	ıy attached copy is a
Donna Bla	llock Holguin, Reg. No. 38082		- ///\	01-	27-2011
	erson Signing	Signature	70		Date

PATENT REEL: 025754 FRAME: 0609

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

Assignment of Invention

WHEREAS WE, GUERET Vincent, MONEREAU Christian and PULLUMBI Pluton, respectively, have invented certain new and useful improvements in Manufacture of an agglomerate consisting of phase change material and having controlled properties, for which an application for Letters Patent was filed on 2/7/2011, having Application No. 13/057, 914

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 (herinafter referred to as "ASSIGNEE"), desires to acquire from GUERET Vincent, MONEREAU Christian, and PULLUMBI Pluton, 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 Traderhark Office for recordation of this document.

Date: <u>03rd January, 2011</u>	
	GUERET Vincent, Inventor
Date:	MONEREAU Christian, Inventor
Date:	PULLUMBI Pluton, Inventor

PATENT REEL: 025754 FRAME: 0610

Assignment of Invention

WHEREAS WE, GUERET Vincent, MONEREAU Christian and PULLUMBI Pluton, respectively, have invented certain new and useful improvements in Manufacture of an agglomerate consisting of phase change material and having controlled properties, for which an application for Letters Patent was filed on 2/7/2011, having Application No. 13/057,914;

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 (herinafter referred to as "ASSIGNEE"), desires to acquire from GUERET Vincent, MONEREAU Christian, and PULLUMBI Pluton, 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:	GUERET Vincent, Inventor
Date: <u>03/1/2311</u>	MONERBAU Christian Laventor
Date:	PULLUMBI Pluton, Inventor

PATENT REEL: 025754 FRAME: 0611

Assignment of Invention

WHEREAS WE, GUERET Vincent, MONEREAU Christian and PULLUMBI Pluton, respectively, have invented certain new and useful improvements in Manufacture of an agglomerate consisting of phase change material and having controlled properties, for which an application for Letters Patent was filed on 2/7/2011, having Application No. 13/057,914;

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 (herinafter referred to as "ASSIGNEE"), desires to acquire from GUERET Vincent, MONEREAU Christian, and PULLUMBI Pluton, 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:	GUERET Vincent, Inventor
Date:	MONEREAU Christian, Inventor
Date: 03/01/2011	PULL UMBI Pluton, Inventor

PATENT REEL: 025754 FRAME: 0612

RECORDED: 02/07/2011