PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2993909

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAPHAËL ELEOUET	08/20/2014
UMBERTO ROSSINI	08/20/2014
THIERRY FLAHAUT	08/20/2014

RECEIVING PARTY DATA

Name:	COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES
Street Address:	BÂTIMENT LE PONANT D; 25, RUE LEBLANC
City:	PARIS
State/Country:	FRANCE
Postal Code:	75015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14369699

CORRESPONDENCE DATA

Fax Number: (317)630-2813

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: 317-630-2810

Email: docket@bscattorneys.com

BRANNON SOWERS & CRACRAFT PC Correspondent Name: 1 NORTH PENNSYLVANIA STREET Address Line 1:

Address Line 2: SUITE 800

Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	B11454PCTUS-543-12021
NAME OF SUBMITTER:	KEVIN R. ERDMAN
SIGNATURE:	/Kevin R Erdman/
DATE SIGNED:	08/22/2014

Total Attachments: 6

source=B11454 PCTUS RE signed#page1.tif source=B11454 PCTUS RE signed#page2.tif source=B11454 PCTUS_UR_signed#page1.tif

> **REEL: 033595 FRAME: 0499** 502947311

PATENT -

source=B11454 PCTUS_UR_signed#page2.tif source=B11454 PCTUS_TF_signed#page1.tif source=B11454 PCTUS_TF_signed#page2.tif

> PATENT REEL: 033595 FRAME: 0500

Attorney Docket No.: Client Reference No.:

In consideration of the sum of One Dollar (\$1,00) and other good and valuable consideration paid to each

B11454PCTUS-543-12021

B11454PCT US

PATENT ASSIGNMENT

	of the undersigned,
Name(s) of Inventor(s)	ELEOUET, Raphaël
Serial No.: Filing Date:	14/369,699 June 29, 2014
inig Daw.	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled
Title of Application	Method for manufacturing a multilayer structure on a substrate hereinafter (the "Application(s)")
	the undersigned hereby sell(s), assign(s), and set(s) over to
Name of Assignee	Commissariat à L'énergie Atomique et aux Énergies Alternatives
Address of	Bâtiment Le Ponant D - 25, Rue Leblanc
principal place of business	75015 PARIS - FRANCE
Insert State of Incorporation (if applicable) or "Not Applicable"	a Corporation of FRANCE

(hereinafter designated as the Assignce) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference, derivation proceeding, or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Attorney Docket No.: Client Reference No.: B11454PCTUS-543-12021

e No.: <u>B11454PCT US</u>

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record 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

IN WIT	ness wh	EREOF, I h	ave executed t	his assignm	ent at				
this 20th				······································		(city i	and state or cou	intry if outsia	le USA)
Outside the USA. Witnesses are required when acknowledgment before a Notary Public is not feasible.	1	Witness Witness) OETSOM	 	ul ri e	Inventor	(Signaria) Raphaël ELEC	DUET	
				ACKNOW	LEDGME	NT			
STATE OF COUNTY OF			SS:						
Acknow							. Witness my h	and and Note	arial Seal
					Nota	ry Public			
					Print	ed Name	******************	***************************************	
My Commission	Expires:			-	Resid	dent of		(County

Attorney Docket No.: Client Reference No.:

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each

B11454PCTUS-543-12021 B11454PCT US

PATENT ASSIGNMENT

	of the undersigned,
Name(s) of Inventor(s)	ROSSINI, Umberto
Scrial No.: Filing Date:	14/369,699 June 29, 2014
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled
Title of Application	Method for manufacturing a multilayer structure on a substrate hereinafter (the "Application(s)")
	the undersigned hereby sell(s), assign(s), and set(s) over to
Name of Assignee	Commissariat à L'énergie Atomique et aux Énergies Alternatives
Address of	Bâtiment Le Ponant D - 25, Rue Leblanc
principal place of / business	75015 PARIS - FRANCE
Insert State of Incorporation (if applicable) or "Not Applicable"	a Corporation of FRANCE

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference, derivation proceeding, or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Attorney Docket No.: Client Reference No.: B11454PCTUS-543-12021 B11454PCT US

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record 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.

IN WITNESS WHEREOF, I have executed this assignment	
this loke day of August	., Loll (city and state or country if outside USA)
Outside the USA:	UMBETETO ROSSIN; Inventor (Signature)
required when acknowledgment before a Notary Public is not feasible. Witness GOETSCHY Clerke	Unservo Rosini inventor Umberto ROSSINI
ACKN	OWLEDGMENT
STATE OF	
Acknowledged before me, a Notary Public, within a this day of	d for said County and State. Witness my hand and Notarial Sea
	Notary Public
	Printed Name
My Commission Expires:	Resident ofCounty

Attorney Docket No.: Client Reference No.:

B11454PCTUS-543-12021 B11454PCT US

PATENT ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to eac of the undersigned,				
Name(s) of Inventor(s)	FLAHAUT, Thierry				
Serial No.:	14/369.699				
Filing Date:	June 29, 2014				
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled				
Title of Application	Method for manufacturing a multilayer structure on a substrate hereinafter (the "Application(s)")				
	the undersigned hereby sell(s), assign(s), and set(s) over to				
Name of Assignee	Commissariat à L'énergie Atomique et aux Énergies Alternatives				
Address of principal	Bâtiment Le Ponant D - 25, Rue Lebianc				
place of business	75015 PARIS - FRANCE				
Insert State of Incorporation (if applicable) or "Not Applicable"	a Corporation of FRANCE				

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignce may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference, derivation proceeding, or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

RECORDED: 08/22/2014

Attorney Docket No.: Client Reference No.: B11454PCTUS-543-12021 B11454PCT US

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record 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.

IN WIT	NESS WHEREOF	², I have	e executed	this assignment at	t		
this <u>20th</u>	_day of O	ಶಿಗಾ	st		0-14	(city and state or country if outside U: 	SA)
Outside the USA Witnesses are	:Witness					Inventor (Signature)	
witnesses are required when acknowledgment before a Notary		and the second	كمعين			ALA CALLER TO THE PARTY OF THE	
Public is not feasible.	Witness	GOE	TSONY	Clementine		Inventor Thierry FLAHAUT	
				ACKNOWLED	GMENT		
STATE OF			SS:				
COUNTY OF		}					
	vledged before me _ day of					and State. Witness my hand and Notarial	Seat
					Notary 1	Public	
					Printed	Name	
My Commission	Expires:			_	Residen	nt ofCou	nty

-2-