

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT2733978

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Caroline LEVY</td> <td>02/07/2014</td> </tr> <tr> <td>Arnaud APHECEIXBORDE</td> <td>02/07/2014</td> </tr> </tbody> </table>		Name	Execution Date	Caroline LEVY	02/07/2014	Arnaud APHECEIXBORDE	02/07/2014				
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Caroline LEVY	02/07/2014										
Arnaud APHECEIXBORDE	02/07/2014										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN</td> </tr> <tr> <td>Street Address:</td> <td>LES MIROIRS - 18 AVENUE D'ALSACE</td> </tr> <tr> <td>City:</td> <td>COURBEVOIE</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>F-92400</td> </tr> </table>		Name:	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	Street Address:	LES MIROIRS - 18 AVENUE D'ALSACE	City:	COURBEVOIE	State/Country:	FRANCE	Postal Code:	F-92400
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CORRESPONDENCE DATA											
<p>Fax Number: (703)836-2787 Phone: 703-836-6400 Email: email@oliff.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: JOEL S. ARMSTRONG Address Line 1: OLIFF PLC Address Line 2: P.O. BOX 320850 Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850</p>											
ATTORNEY DOCKET NUMBER:	160242										
NAME OF SUBMITTER:	CHANDEL LAWRENCE										
Signature:	/Chandel Lawrence/ for Joel S. Armstrong										
Date:	02/20/2014										
Total Attachments: 1 source=160242_Assignment#page1.tif											

ASSIGNMENT

(1-8) Insert Legal Name(s) of Inventor(s)

(1) Caroline LEVY

(2) Arnaud APHECEIXBORDE

(3)

(4)

(5)

(6)

(7)

(8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee

(10) Insert Address of Assignee

(9) SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN

(10) Les Miroirs - 18 avenue d'Alsace, F-92400 Courbevoie, France

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number

(11)

(Attorney Docket No. 160242), filed on even date herewith or as

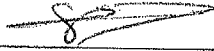
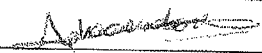
(12) Alternative Identification for filed applications

(12) U.S. Application Number



filed

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees 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.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that 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, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	02/07/2014	Inventor Signature		(SEAL)
Date	02/07/2014	Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	02/07/2014	Witness		FERRIER Dorianne
Date	02/07/2014	Witness		Daniel Ueffa