

PATENT ASSIGNMENT COVER SHEET

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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>THIERRY ROGER</td> <td>08/28/2013</td> </tr> <tr> <td>GAETAN MELLIER</td> <td>09/03/2013</td> </tr> <tr> <td>CHRISTOPHE L'HER</td> <td>08/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	THIERRY ROGER	08/28/2013	GAETAN MELLIER	09/03/2013	CHRISTOPHE L'HER	08/27/2013		
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<table border="1"> <tr> <td>Name:</td> <td>SERCEL</td> </tr> <tr> <td>Street Address:</td> <td>16 RUE DE BEL AIR</td> </tr> <tr> <td>City:</td> <td>CARQUEFOU</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>44470</td> </tr> </table>		Name:	SERCEL	Street Address:	16 RUE DE BEL AIR	City:	CARQUEFOU	State/Country:	FRANCE	Postal Code:	44470
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CORRESPONDENCE DATA											
<p>Fax Number: (612)334-3312</p> <p>Email: dedminster@wck.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: DAVID D. BRUSH</p> <p>Address Line 1: 900 SECOND AVENUE SOUTH</p> <p>Address Line 2: SUITE 1400</p> <p>Address Line 4: MINNEAPOLIS, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	S239.12-0010										
NAME OF SUBMITTER:	DAVID D. BRUSH										
Signature:	/David D. Brush/										
Date:	11/01/2013										
<p>Total Attachments: 2</p> <p>source=2013-11-01_Executed-Assignment_R21547US#page1.tif</p> <p>source=2013-11-01_Executed-Assignment_R21547US#page2.tif</p>											

OP \$40.00 13950057

ASSIGNMENT

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

S239.12-0010

WHEREAS, we, Thierry Roger of Nantes, France; Gaëtan Mellier of Nantes, France; and Christophe L'Her of Loperhet, France (hereinafter referred to as ASSIGNORS), are the inventors of an invention described in:

- European Patent Application No. 12305910.7, filed on July 25, 2012;
- any United States Patent Application claiming priority from the above-identified French, European and/or International patent application, the United States patent application being identifiable in the United States Patent and Trademark Office by Application No. 13/950,057, filed July 24, 2013;

WHEREAS, SERCEL (hereinafter referred to as ASSIGNEE), a company organized and existing under the laws of France, and having offices at 16 rue de Bel Air, 44470 Carquefou, France, is desirous of acquiring the entire right, title and interest in and to the invention, the application and any and all Letters Patent(s) or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified application, all inventions and improvements which are disclosed in the patent applications, all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent(s) which have been or shall be filed in the United States on any of said inventions and/or improvements, all rights of priority resulting from the filing of the above-identified patent application(s), and all Letters Patent or similar legal protection issuing thereon; and we authorize the Director of the United States Patent and Trademark Office to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

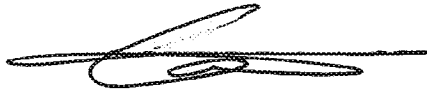


Signature of Inventor

Date : 8/28/2013

Thierry Roger
Printed Name of Inventor

Residence of Inventor:
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44200 Nantes
France



Signature of Witness

Date : 8/28/2013

Patrick CORDEUX
Printed Name of Witness

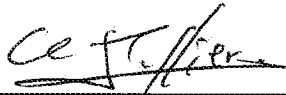
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FOR PRIORITY APPLICATION ENTERING UNITED STATES

Attorney Docket No.

S239.12-0010


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Signature of Witness

Date : 09/13/13

DENIS G. VALÉRIE

Printed Name of Witness

Residence of Witness:

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FRANCE


Signature of Inventor

Date : 08/27/13

Christophe L'Her

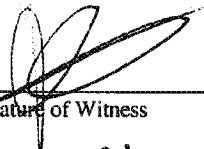
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Signature of Witness

Date : 08/27/13

Laurent GUERINEAU

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