

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2597357

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>NICOLAS PAUL</td> <td>09/09/2013</td> </tr> <tr> <td>ANTOINE DE CHILLAZ</td> <td>07/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	NICOLAS PAUL	09/09/2013	ANTOINE DE CHILLAZ	07/22/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ELECTRICITE DE FRANCE</td> </tr> <tr> <td>Street Address:</td> <td>22-30 avenue de Wagram</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>75008</td> </tr> </table>		Name:	ELECTRICITE DE FRANCE	Street Address:	22-30 avenue de Wagram	City:	Paris	State/Country:	FRANCE	Postal Code:	75008
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13980394</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13980394						
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CORRESPONDENCE DATA											
Fax Number:	(312)569-3533										
Phone:	3125691480										
Email:	Irina.Mikitiouk@dbr.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	BRIAN C. RUPP, DRINKER BIDDLE & REATH										
Address Line 1:	191 N. WACKER DRIVE										
Address Line 2:	SUITE 3700										
Address Line 4:	CHICAGO, ILLINOIS 60606-1698										
ATTORNEY DOCKET NUMBER:	P4307US										
NAME OF SUBMITTER:	BRIAN C. RUPP										
Signature:	/brian c. rupp/										
Date:	10/30/2013										
Total Attachments: 3 source=P4307US_Assignment#page1.tif source=P4307US_Assignment#page2.tif source=P4307US_Assignment#page3.tif											

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**PATENT**  
Attorney Docket No. P4307US

Drinker Biddle & Reath LLP  
191 N. Wacker Drive, Suite 3700  
Chicago, Illinois 60606-1698

**ASSIGNMENT**

**WHEREAS, WE, Nicolas PAUL, of 8, rue Sainte-Marthe, 75010 Paris, France, and Antoine DE CHILLAZ, of 97, Boulevard Rodin, 92130 Issy Les Moulineaux, France, have invented and own a certain invention entitled:**

**PROCESSING OF IMAGE DATA COMPRISING EFFECTS OF  
TURBULENCE IN A LIQUID MEDIUM**

or which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on July 18, 2013, under U.S. Application No. 13/980,394, and

**WHEREAS, ELECTRICITE DE FRANCE, of 22-30 avenue de Wagram, 75008 Paris, France (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.**

**NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.**

**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

**UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.**

**WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and**

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by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

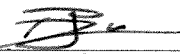
Date 2013 / 09 / 09   
Nicolas PAUL


Date 2013/09/09 Witness E. Dufosse Eve DUFOSSE

Date 2013/09/09 Witness Marie GOSNE Marie GOSNE

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Date 07/22/2013   
Antoine DE CHILLAZ

Date 07/22/2013 Witness   
Bastien DURAND

Date 07/22/2013 Witness   
DI PASTENA Corinne

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