

## PATENT ASSIGNMENT

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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>Alexander Anatolievich Khanin</td> <td>07/12/2012</td> </tr> <tr> <td>Andrei Vladimirovich Pipopulo</td> <td>07/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alexander Anatolievich Khanin	07/12/2012	Andrei Vladimirovich Pipopulo	07/12/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ALSTOM Technology Ltd</td> </tr> <tr> <td>Street Address:</td> <td>Brown Boveri Strasse 7</td> </tr> <tr> <td>City:</td> <td>Baden</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>5400</td> </tr> </table>		Name:	ALSTOM Technology Ltd	Street Address:	Brown Boveri Strasse 7	City:	Baden	State/Country:	SWITZERLAND	Postal Code:	5400
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 3126165700  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3126165600        Email: assignments@leydig.com        Correspondent Name: LEYDIG, VOIT &amp; MAYER, LTD.        Address Line 1: Two Prudential Plaza, Suite 4900        Address Line 2: 180 North Stetson Avenue        Address Line 4: Chicago, ILLINOIS 60601-6731</p>											
ATTORNEY DOCKET NUMBER:	812945										
NAME OF SUBMITTER:	Thomas P. Canty										
<p>Total Attachments: 2        source=Executed_Assignment#page1.tif        source=Executed_Assignment#page2.tif</p>											

CH \$40.00 13535428

Attorney Docket No.: 812945

## ASSIGNMENT

I, Alexander Anatolievich Khanin, a citizen of Russia, residing at Filevsky bulvar, 34; 80; 121601 Moscow; RUSSIA; and

I, Andrei Vladimirovich Pipopulo, a citizen of Russia, residing at Malygina street, 22, 2, 161; 129336 Moscow; RUSSIA;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

ALSTOM Technology Ltd

an entity organized under the laws of Switzerland, located at Brown Boveri Strasse 7, 5400 Baden, SWITZERLAND (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, in and for the United States of America only in and to my Invention entitled:

### TURBINE BLADE

invented by me and described in Patent Application No. 13/535,428, filed on June 28, 2012, in the United States of America; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an

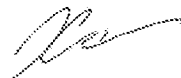
application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

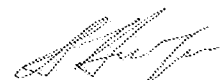
This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 12.07.2012

  
\_\_\_\_\_  
Alexander Anatolievich Khanin,  
Inventor

Dated: 12.07.2012

  
\_\_\_\_\_  
Andrei Vladimirovich Pipopulo,  
Inventor