

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Corinne Beal</td> <td>01/27/2012</td> </tr> <tr> <td>Laurent Maghdissian</td> <td>01/27/2012</td> </tr> <tr> <td>Michel Vandycke</td> <td>01/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Corinne Beal	01/27/2012	Laurent Maghdissian	01/27/2012	Michel Vandycke	01/30/2012
Name	Execution Date								
Corinne Beal	01/27/2012								
Laurent Maghdissian	01/27/2012								
Michel Vandycke	01/30/2012								
RECEIVING PARTY DATA									
Name:	ALSTOM Technology Ltd								
Street Address:	Brown Boveri Strasse								
City:	Baden								
State/Country:	SWITZERLAND								
Postal Code:	CH-5400								
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>13375977</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13375977				
Property Type	Number								
Application Number:	13375977								
CORRESPONDENCE DATA									
Fax Number: Phone: 860-285-9109 Email: USIPLAW@power.alstom.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: ALSTOM Power Inc. Address Line 1: 200 Great Pond Drive Address Line 2: P.O. Box 500 Address Line 4: WINDSOR, CONNECTICUT 06095									
ATTORNEY DOCKET NUMBER:	S09/001-0								
NAME OF SUBMITTER:	Robert D. Crawford								
Total Attachments: 2 source=S09-001-0_US_ASG_2012-03-13#page1.tif source=S09-001-0_US_ASG_2012-03-13#page2.tif									

CH \$40.00 13375977

**ASSIGNMENT**

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, as a joint inventor of certain new and useful improvements in SYSTEM FOR CONVERTING FUEL MATERIAL for which an application was filed in the U.S. Patent and Trademark Office on December 2, 2011 and has been assigned Application No. 13/375,977

AND WHEREAS, ALSTOM Technology Ltd, a joint stock company of Switzerland, having an office at Brown Boveri Strasse 7, CH-5400 Baden, Switzerland (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

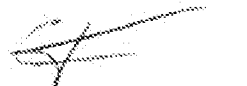
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

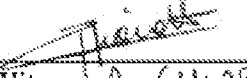
AND I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;


AND I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

AND I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

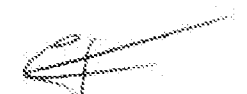
AND I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

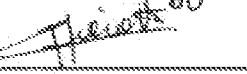
  
Witness E ROUQUET

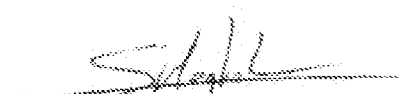
  
Witness A. CHIAROTTO

  
Corinne Beal  
5, rue de la Courtine  
78960 Voisins le Bretonneux  
France

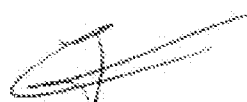
27<sup>th</sup> Jan 12  
Date

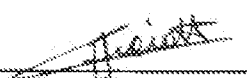
  
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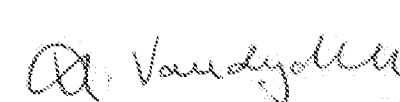
  
Witness A. CHIAROTTO

  
Laurent Maghdissian  
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91400 Orsay  
France

27<sup>th</sup> Jan 12  
Date

  
Witness E ROUQUET

  
Witness A. CHIAROTTO

  
Michel Vandycke  
99, Chemin De La Ferme Des Bois  
78950 Gambais  
France

30<sup>th</sup> Jan 12  
Date