

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Zheng Liu</td> <td>04/08/2008</td> </tr> <tr> <td>Naresh B. Handagama</td> <td>04/08/2008</td> </tr> </tbody> </table>		Name	Execution Date	Zheng Liu	04/08/2008	Naresh B. Handagama	04/08/2008
Name	Execution Date						
Zheng Liu	04/08/2008						
Naresh B. Handagama	04/08/2008						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	ALSTOM Technology Ltd						
<b>Street Address:</b>	Brown Boveri Strasse 7						
<b>City:</b>	5400 Baden						
<b>State/Country:</b>	SWITZERLAND						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12406360</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12406360		
Property Type	Number						
Application Number:	12406360						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(860)285-3515						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	860-285-9109						
<b>Email:</b>	USIPLAW@power.alstom.com						
<b>Correspondent Name:</b>	ALSTOM Power Inc.						
<b>Address Line 1:</b>	2000 Day Hill Road						
<b>Address Line 4:</b>	Windsor, CONNECTICUT 06095						
<b>ATTORNEY DOCKET NUMBER:</b>	W03/024-1						
<b>NAME OF SUBMITTER:</b>	Robert P. Biddle						
<b>Total Attachments: 2</b> source=W08-024-1_US_ASG_2009-03-18#page1.tif source=W08-024-1_US_ASG_2009-03-18#page2.tif							

CH \$40.00 12406360

**ASSIGNMENT**

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, as an inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in A SYSTEM AND METHOD FOR ENHANCED REMOVAL OF CO2 FROM A MIXED GAS STREAM which a provisional application was filed in the U.S. Patent and Trademark Office on March 21, 2008 and has been assigned Application No. 61/038,494;

AND WHEREAS, ALSTOM Technology Ltd, a joint stock company of Switzerland, having an office at Brown Boveri Strasse 7, 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;

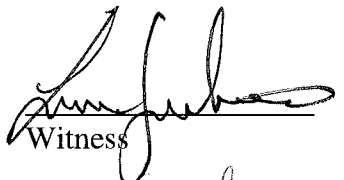
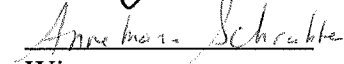
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any non-provisional patent applications and 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;

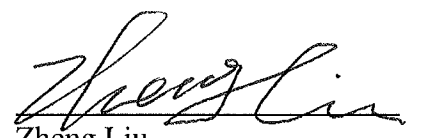
AND I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect 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;

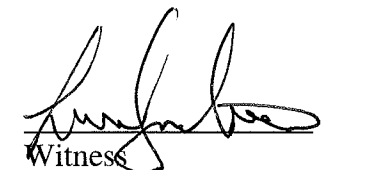
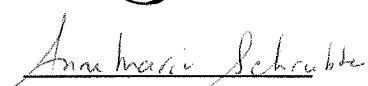
AND I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in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

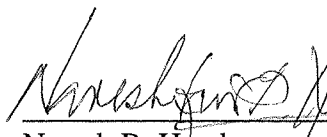
AND I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

  
Witness  
  
Anneliese Schrabbe  
Witness

  
Zheng Liu  
11615 Lanesborough Way #608  
Knoxville, TN 37934

04/08/08  
Date

  
Witness  
  
Anneliese Schrabbe  
Witness

  
Naresh B. Handagama  
1131 Edbury Drive  
Knoxville, TN 37922

08 April 2008  
Date