

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>Timothy Charles Green</td> <td>07/02/2013</td> </tr> <tr> <td>Michael Marc Claude Merlin</td> <td>07/04/2013</td> </tr> <tr> <td>Nnamdi Okaeme</td> <td>06/22/2013</td> </tr> <tr> <td>David Reginald Trainer</td> <td>07/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Timothy Charles Green	07/02/2013	Michael Marc Claude Merlin	07/04/2013	Nnamdi Okaeme	06/22/2013	David Reginald Trainer	07/09/2013
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<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: 216-579-60 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 216-579-1700 Email: mdaughtridge@pearne.com Correspondent Name: PEARNE & GORDON LLP Address Line 1: 1801 EAST 9TH STREET Address Line 2: SUITE 1200 Address Line 4: CLEVELAND, OHIO 44114-3108</p>											
ATTORNEY DOCKET NUMBER:	BRV-51055										
NAME OF SUBMITTER:	Jeffrey J. Sopko										
Signature:	/jeffrey j sopko/										

PATENT

Date:

07/12/2013

Total Attachments: 3

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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

MODULAR MULTILEVEL CONVERTER

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below, which application is further identified as Pearne & Gordon LLP Docket No. BRV-51055.

WHEREAS, ALSTOM Technology Ltd., a corporation of Switzerland, having a place of business at Brown Boveri Strasse 7, 5400 BADEN, SWITZERLAND, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or

other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:


(1) Inventor Name: GREEN Timothy, Charles

Signature: 

Today's Date: 2nd July 2013

Date I Signed Declaration: 2nd July 2013

Witness: J. LAGUNA 

Witness: S. WAGNER 

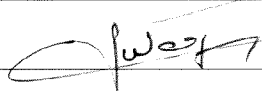
(2) Inventor Name: MERLIN Michael, Marc, Claude

Signature: 

Today's Date: 4th July 2013

Date I Signed Declaration: 4th July 2013

Witness: J. LAGUNA 

Witness: S. WAGNER 

(3) Inventor Name: OKAEME Nnamdi

Signature: Okaeme Nnamdi

Today's Date: 22/06/2013

Date I Signed Declaration: 22/06/2013

Witness: CHINWE OKAEME

J. LAGUNA

Witness: Chinwe Okaeme J. Laguna

(4) Inventor Name: TRAINER David, Reginald

Signature: David R Trainer

Today's Date: 09/07/2013

Date I Signed Declaration: 09/07/2013

Witness: Harriet Rooney

J. LAGUNA

Witness: H Rooney J. Laguna

(5) Inventor Name:

Signature:

Today's Date: _____

Date I Signed Declaration: _____

Witness: _____

Witness: _____