

## 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>Andrew Cross</td> <td>08/03/2012</td> </tr> <tr> <td>David Trainer</td> <td>08/03/2012</td> </tr> <tr> <td>William Crookes</td> <td>08/03/2012</td> </tr> </tbody> </table> |                             | Name          | Execution Date | Andrew Cross        | 08/03/2012 | David Trainer | 08/03/2012 | William Crookes | 08/03/2012 |
| Name  | Execution Date              |               |                |                     |            |               |            |                 |            |
| Andrew Cross  | 08/03/2012                  |               |                |                     |            |               |            |                 |            |
| David Trainer   | 08/03/2012                  |               |                |                     |            |               |            |                 |            |
| William Crookes   | 08/03/2012                  |               |                |                     |            |               |            |                 |            |
| RECEIVING PARTY DATA  |                             |               |                |                     |            |               |            |                 |            |
| Name:   | Alstom Technology Ltd       |               |                |                     |            |               |            |                 |            |
| Street Address:   | Brown Boveri Strasse 7      |               |                |                     |            |               |            |                 |            |
| 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>13576920</td> </tr> </tbody> </table>   |                             | Property Type | Number         | Application Number: | 13576920   |               |            |                 |            |
| Property Type   | Number                      |               |                |                     |            |               |            |                 |            |
| Application Number:   | 13576920                    |               |                |                     |            |               |            |                 |            |
| CORRESPONDENCE DATA   |                             |               |                |                     |            |               |            |                 |            |
| Fax Number:   | 6503207701                  |               |                |                     |            |               |            |                 |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                             |               |                |                     |            |               |            |                 |            |
| Phone:  | (650) 320-7700              |               |                |                     |            |               |            |                 |            |
| Email:  | patentsv@nixonpeabody.com   |               |                |                     |            |               |            |                 |            |
| Correspondent Name:   | Christopher M. Mooney       |               |                |                     |            |               |            |                 |            |
| Address Line 1:   | P.O. Box 60610              |               |                |                     |            |               |            |                 |            |
| Address Line 4:   | Palo Alto, CALIFORNIA 94306 |               |                |                     |            |               |            |                 |            |
| ATTORNEY DOCKET NUMBER:   | 434299-1080                 |               |                |                     |            |               |            |                 |            |
| NAME OF SUBMITTER:  | Christopher M. Mooney       |               |                |                     |            |               |            |                 |            |
| Total Attachments: 2<br>source=434299-1080_AS#page1.tif<br>source=434299-1080_AS#page2.tif  |                             |               |                |                     |            |               |            |                 |            |

CH \$40.00 13576920

PATENT

## Assignment Of Application

WHEREAS, I (WE)

CROSS Andrew  
4 Nursery Way Great Haywood - STAFFORD ST18 0FY - UNITED KINGDOM

TRAINER David  
45 Brackens Lane --- ALVASTON - DERBY DE24 0AQ - UNITED KINGDOM

CROOKES William  
Little Mead - SALT - STAFFORD ST18 0BW - UNITED KINGDOM

respectively, have invented certain new and useful improvements in :

### CONVERTER

for which an application for Letters Patent was executed on August 3, 2012  
(Application No. 13/576 920, filed August 2, 2012), and

WHEREAS, ALSTOM TECHNOLOGY LTD

(hereinafter referred to as "assignee") having a place of business at :

Brown Boveri Strasse 7 -- CH 5400 BADEN - SWITZERLAND

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries ;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledge, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted thereof in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (We) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

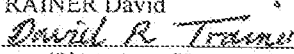
Further, I (We) agree that I (We) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issue to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Nixon Peabody LLP 2 Palo Alto Square 3000 El Camino Real, Suite 500 Palo Alto, CA 94306-2106, the power to insert on this assignment any further identification, including the application number and filing date, 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.

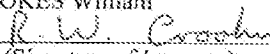
Date: August 3, 2012

CROSS Andrew  
  
\_\_\_\_\_  
(Signature of Inventor)

Date: August 3, 2012

TRAINER David  
  
\_\_\_\_\_  
(Signature of Inventor)

Date: August 3, 2012

CROOKES William  
  
\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

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