

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Yves BOUVET | 02/15/2011 |
| Fabrice TASSY | 03/28/2011 |
| Louis MATHIEU | 03/09/2011 |
| Georges ROSSI | 03/30/2011 |
| RECEIVING PARTY DATA | |
| Name: | ALSTOM Hydro France |
| Street Address: | 3 avenue Andre Malraux |
| City: | LEVALLOIS PERRET |
| State/Country: | FRANCE |
| Postal Code: | FR-92300 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13060769 |
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| NAME OF SUBMITTER: | Ralph A. Dowell |
| Total Attachments: 1 source=17537assign_0001#page1.tif | |

OP \$40.00 13060769

ASSIGNMENT

Insert Name(s) of Inventors

- (1) BOUVET Yves
(2) TASSY Fabrice
(3) MATHIEU Louis
(4) ROSSI Georges

In consideration of the sum of ten dollars (\$10.00) and other good and valuable considerations paid to each of the undersigned, the receipt of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, and set over to

Insert Name of Assignees

1/ ALSTOM Hydro France

Insert Address of Assignees

3 Avenue André Malraux

FR - 92300 Levallois Perret / FRANCE

(hereinafter designated as the Assignee) the entire right, title and interest owned by the undersigned for the United States, its territories, dependencies and possessions, in the invention known as

Insert Identification of Invention, Foreign Application Number

PCT/FR2009/051676 of September 4, 2009

for which the undersigned has filed or will file a provisional application, or for which undersigned has executed a non-provisional application for patent in the United States of America

Insert Date of Signing of Application

on

Alternative Identification for Filed Applications

U.S. Application Number 13/060,769

filed IA date 2009-09-04

and each of the undersigned also agrees to assign, and hereby does assign, transfer and set over to said assignee all provisional and non-provisional applications for patent and any original and reissued Letters Patent of the United States granted for said invention and any divisions, reissues, continuations and extensions thereof and in and to any Letters Patent that may be granted thereon, including the subject matter of any and all claims which may be obtained in every such patent.

- 1) Each of the undersigned agrees to execute all papers in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.
2) Each of the undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
3) Each of the undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
4) Each of the undersigned agrees to communicate to the Assignee or representatives thereof any facts known to him or her respecting the invention and improvements thereof, and will, upon request, but without expense to him or her, testify in any legal proceedings regarding the invention.
5) Each of the undersigned hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed and will not execute, any agreement in conflict herewith.
6) Each of the undersigned hereby grants the firm of DOWELL & DOWELL 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 Office for recordation of this document.
7) This Assignment shall be binding upon the heirs, executors, administrators, and/or assigns of each of the undersigned, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by each of the undersigned on the date opposite the name of the undersigned.

(1) Date 15 Feb 2011 Signature of Inventor Yves BOUVET
(2) Date 28 Mars 2011 Signature of Inventor Fabrice TASSY
(3) Date 9 Mars 2011 Signature of Inventor LOUIS MATHIEU
(3) Date 30/3/2011 Signature of Inventor Georges ROSSI

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