05-15-2006

Form PTO-1595 (Rev. 08/05) U.S. Department of COMMERCE MB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office 103237632 To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Martin REIGL Name: Alstom Technology Ltd Internal Address: Additional name of conveying party(ies) attached?

Yes

No Street Address: Brown Boveri Strasse 7 3. Nature of conveyance: Execution Date(s) 04/11/2006 Merger City: Baden Security Agreement Change of Name State: Government Interest Assignment Country: Switzerland Zip: 5401 Executive Order 9424, Confirmatory License Other Additional Name(s) & address(es) attached? ☐ Yes ☑ No 4. Application number(s) or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 11/391,902 filed 03/29/2006 Additional numbers attached?
Yes
No 5. Name and address of party to whom correspondence 6. Total number of applications and patents concerning this document should be mailed: involved: 1 Name: Thomas P. Canty 7. Total fee (37 CFR 1.21(h) & 3.41) Internal Address: DAVIDSON, DAVIDSON & KAPPEL, LLC Authorized to be charged by credit card ☐ Authorized to be charged to deposit account Street Address: 485 Seventh Avenue 14th Floor ☐ None required (government Interest not affecting title). City: New York 8 8. Payment Information State: New York _____ Zip: __10018 a. Credit Card Last 4 Numbers Phone Number: (212)-736-1940 **Expiration Date** Fax Number: (212)-736-2427 b. Deposit Account Number 50-0552 Email Address: ddk@ddkpatent.com Authorized User Name Davidson, Davidson & Kappel, I 9. Signature: May 8, 2006 Signature Date Thomas P. Canty, Reg. No. 44,586 Total number of pages including cover sheet, attachments, and documents Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

lail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1

PATENT REEL: 017852 FRAME: 0242

Docket No.: 5034.1048

ASSIGNMENT

WHEREAS, I (We), Martin REIGL, residing at Muehlebuck 14b, 5420 Ehrendingen. Switzerland: ASSIGNOR(S), have invented certain new and useful improvements in ROTOR FOR A ROTATING MACHINE, IN PARTICULAR A STEAM TURBINE, an application for a Patent of the United States (for) which: I (we) am (are) about to execute; was executed on_ _(date(s)); is identified by Davidson, Davidson & Kappel, LLC, Docket No. 5034.1048; Serial No. I (we) hereby authorize and request our attorney, Davidson, Davidson & Kappel, LLC of 485

WHEREAS, ALSTOM Technology Ltd, Brown Boveri Strasse 7, 5400 Baden, Switzerland, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors. legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and

I (WE) HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest herein assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith; and

1 of 2

REEL: 017852 FRAME: 0243

Docket No.: 5034.1048

I (WE) HEREBY further covenant and agree that I (we) will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s) the day and year set opposite my (our) signature(s).

Dated: April Mth , 2006

Martin REIGL

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Mail Stop: Assignment Recordation Services Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on_	May 10, 2	006		
	Date	C Rate		
		Signature		
		Oliver Platz		
		Typed or printed name of person signing Certificate		
	_		(212) 736-1940	
		Registration Number, if applicable	Telephone Number	

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted

paper.

Re.: Docket No.: 5034.1048

Applicant(s): Martin REIGL Serial No.: 11/391,902

Invention: ROTOR FOR A ROTATING MACHINE, IN PARTICULAR A STEAM TURBINE

Filing Date: March 29, 2006

- Recordation Form Cover Sheet and Copy of Executed Assignment (3 pages);

- Check in the amount of \$40.00

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT REEL: 017852 FRAME: 0245