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| OMB No. 0651-0027 (exp. 5/31/2002)  Tab settings   | 71486 <del>V V E</del>   |  |  |  |
| 1024   | 71486 Please record the attached original documents or copy thereof.                           |  |  |  |
| 1. Name of conveying party(ies):  Michael M. Chen Jianrong Chen  | 2. Name and address of receiving party(ies)  Name: ALSTOM (Switzerland) Ltd  Internal Address: |  |  |  |
| Additional name(s) of conveying party(ies) attached?    Yesx No  |  |  |  |  |
| 3. Nature of conveyance:   |  |  |  |  |
| X Assignment   | Charles Brown Poweri Streets 7   |  |  |  |
| Security Agreement 📮 Change of Name  | Street Address: Brown Boveri Strasse 7   |  |  |  |
| ☐ Other  | 5401 Baden, Switzerland  |  |  |  |
|  | City:Zip:Zip:  |  |  |  |
| Execution Date: May 22, 2003   | Additional name(s) & address(es) attached? 📮 Yes 💯 No  |  |  |  |
| 4. Application number(s) or patent number(s):  |  |  |  |  |
| If this document is being filed together with a new appli  | cation, the execution date of the application is 5/22/03_                                      |  |  |  |
| A. Patent Application No.(s)   | B. Patent No.(s) 10449407  |  |  |  |
| Additional numbers att   | I<br>ached? ☐ Yes ∰ No   |  |  |  |
| 5. Name and address of party to whom correspondence  | 6. Total number of applications and patents involved: $oxed{1}$                                |  |  |  |
| concerning document should be mailed:  Name: Russell W. Warnock  | 7. Total fee (37 CFR 3.41)\$_40.00   |  |  |  |
| Internal Address:  | ☐ Enclosed   |  |  |  |
|  | Authorized to be charged to deposit account  |  |  |  |
| Street Address:2000 Day Hill Road  | 8. Deposit account number:   |  |  |  |
|  | 03-2578  |  |  |  |
| City: Windsor State: CT Zip: 06095   | (Attach duplicate copy of this page if paying by deposit account)                              |  |  |  |
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| 9. Statement and signature.  |  |  |  |  |
| To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. |  |  |  |  |
| Russell W. Warnock   | Signature May 29, 2003  Date   |  |  |  |
|  |  |  |  |  |
| Total number of pages including cover sheet, attachments, and documents:   |  |  |  |  |

10449407 Commissioner of Patents & Trademarks, Box Assignments
Washington, D C. 20231 00000044 032578 06/11/2003 TDIAZ1

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> **PATENT REEL: 014147 FRAME: 0537**

Docket Number: W01/022-0

## ASSIGNMENT

AND WHEREAS, ALSTOM (Switzerland) Ltd, a corporation organized and existing under the laws of Switzerland, and having an office at Brown Boveri Strasse 7, 5401 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 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 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 tome 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 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 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 Untied 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;

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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.

AND I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow:

| Serial Number: | Filing Date: |
|----------------|--------------|
|                |              |

Witness

Doil M Poky

Witness

Witness

Mrehard Chen

Michael M. Chen

30W319 Oakmont Drive Naperville, Illinois 60563

Jianrong Chen

2727 Boddington Lane Naperville, Illinois 60564 Date