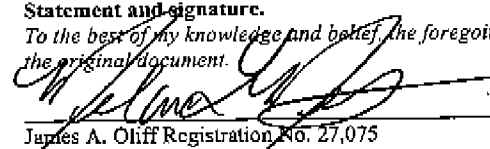


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Please record the attached document. Total number of pages including cover sheet, attachments, and document: <u>6</u>					
1. A. Name of conveying party(ies): <div style="text-align: center;"> NIPPON STEEL CORPORATION 6-3, OTEMACHI 2-CHOME CHIYODA-KU TOKYO, JAPAN 100-8071 </div> B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving party(ies): <div style="text-align: center;"> PLEASE SEE ATTACHED LIST OF ASSIGNEES </div> B. Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ B. Execution Date: <u>November 20, 2003</u>					
4. A. If this document is being filed together with a new application, the execution date of the application is: _____ <div style="display: flex; justify-content: space-between;"> B. Patent Application No.(s) _____ C. Patent No.(s) <u>6,607,569</u> </div> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320 Phone Number: 703-836-6400 Fax Number: 703-836-2787			6. Total number of applications and patents involved: <u>1</u> 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> . 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  _____ James A. Oliff Registration No. 27,075 Melanie L. Mealy Registration No. 40,085 </div> <div style="text-align: right;"> Date: <u>January 20, 2004</u> </div> </div>					

CH \$40.00 150461 6607569

LIST OF ASSIGNEES

- 1) SUMITOMO METAL INDUSTRIES, LTD.
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OSAKA-SHI, OSAKA 541-0041, JAPAN
- 2) IDEMITSU KOSAN CO., LTD.
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TOKYO 100-0006, JAPAN
- 11) YOKOGAWA ELECTRIC CORPORATION
9-32, NAKACHO 2-CHOME
MUSASHINO-SHI, TOKYO 180-8750, JAPAN

ASSIGNMENT

WHEREAS, Nippon Steel Corporation, a company established under the laws of Japan whose address is 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071, Japan, (hereinafter called "Assignor") is a co-owner by assignment duly recorded in the United States Patent and Trademark Office at the Reel and Frame(s) indicated below of the following United States Letters Patent(s) and/or patent application(s) (hereinafter called "Patent Properties"):

<u>Application or Patent Number and Date of Filing or Issue</u>	<u>Named Inventors</u>	<u>Reel and Frame</u>
09/623,753, filed October 13, 2000	Yasuki NAMIKI et al.	011373/0761

The undersigned has reviewed all the documents in the chain of title identified above; and to the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, the companies listed on the attached list, each of which was established under the laws of Japan, are desirous of acquiring the Assignor's entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any confirmations, divisions, continuations, reexaminations, reissues or extensions of the same;

Now, To All Whom It May Concern: Be it known that for and 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, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, the entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof; the same to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Properties with the right to sue for and collect the same for its own use and for the use of its successors, assigns and legal representatives.

Assignor agrees that this assignment is binding on Assignor and its heirs, successors, assigns and legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States, resulting from said Patent Properties and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof, to Assignee.

Assignor agrees to execute all papers necessary in connection with any interference which may be declared concerning said Patent Properties (and/or patents that may be granted therefrom), or any confirmation, division, continuation, reexamination or reissue thereof, and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference.

Assignor covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

Assignor agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Assignor agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to Assignee.

Assignor grants the firm of OLIFF & BERRIDGE, PLC of Alexandria, Virginia 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.

This Assignment is effective as of the 20 day of November, 2003.

Ioshitaka Inatani
Witness

[Signature]
Witness

[Signature]
Signature
Officer of Assignor

Takashi HIRAO
Typewritten Name of Officer
Representative Director
and Executive Vice President
Title of Officer

Tokyo, Japan
Tokyo, Japan } SS: _____

BE IT KNOWN, that on this _____ day of _____, 2003, personally
appeared _____, to me known and known to me to be the individual(s)
described in and who executed the foregoing assignment and who acknowledged to me the
execution of the same.

Notary Public

SEAL

My commission expires:

Attachment:
List of Assignees