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U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 09/04) 10-09-2008 OMB No. 0651-0027 (exp. 6/30/200: United States Patent and Trademark Office HEET To the Director of the U.S. Paters and 103528965 .cached documents or the new address(es) below. 1. Name of conveying party(ies)/Execution Date(s): 2. Name and address of receiving party(ies) Name: Nippon Steel Corporation Tatsuhiko SAKAI and Hideyuki HAMAMURA Internal Address: Execution Date(s) September 12, 2008 Street Address: 6-3, Otemachi 2-chome, Additional name(s) of conveying party(ies) attached? ___ Yes 🗹 No Chiyoda-ku 3. Nature of conveyance: ✓ Assignment Merger City: Tokyo Security Agreement Change of Name Government Interest Assignment Country: Japan Zip: 100-8071 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? ☐ Yes ✓ No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes Vo 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: John J. Kelly, Jr. 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 Internal Address: Authorized to be charged by credit card KENYON & KENYON LLP ✓ Authorized to be charged to deposit account Enclosed Street Address: ONE BROADWAY None required (government interest not affecting title) 8. Payment Information City: NEW YORK a. Credit Card Last 4 Numbers ____ State: NEW YORK Zip: 10004 Expiration Date Phone Number: 212-425-7200 b. Deposit Account Number 11-0600 Fax Number: 212-425-5288 Authorized User Name Email Address: 10/08/2008 DBYRNE 0000006 110600 9. Signature: 01 FC:8021 Signature Total number of pages including cover John J. Kelly, Jr. (Reg. No. 29,182)

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IN CONSIDERATION of the sum of One Dollar (\$1.00), and of others uable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by NIPPON STEEL CORPORATION finsert ÀSSIGNEE's Name(s) 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071, Japan Address(es)) (hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled METHOD OF PRODUCTION OF GRAIN-ORIENTED ELECTRICAL STEEL SHEET (Title of Invention) relating to International Patent Application PCT/JP 2007 / 057498 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (Insert date (a) executed on Assignee's attorney is hereby authorized to insert in (b) the specified of execution of application, (b) filed on data, when known, if not concurrent and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Tatsuhiko Sakai September 12, 2008 (Signatures) . (TYPE NAME) (DATE) Hideyuki Hamamura September 12, 2008 (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE)

(TYPE NAME)

PATENT REEL: 021656 FRAME: 0938

(DATE)

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