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USHIGAMI, Yoshiyuki; NAKAMURA, Shuichi; FUJII, Hiroyasu; MURAKAMI, Kenichi	Name: Nippon Steel Corporation			
	Internal Address:			
Execution Date(s) September 9, 2004	Street Address:6-3, Otemachi 2-chome			
Additional name(s) of conveying party(ies) attached? Yes 🖌 No 3. Nature of conveyance:	Chiyoda-ku			
Assignment Merger	City: <u>Tokyo</u>			
Security Agreement Change of Name	State:			
Government Interest Assignment	Country: Japan Zip: 100-8071			
	Additional name(s) & address(es) attached? 🗌 Yes 🗹 No			
	document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
10/500,994				
Additional numbers attached? Yes Ves No 5. Name and address to whom correspondence 6. Total number of applications and patents				
5. Name and address to whom correspondence concerning document should be mailed:	involved: 01			
Name: Robert T. Tobin	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00			
	Authorized to be charged by credit card			
Internal Address:	Authorized to be charged to deposit account			
Street Address: ONE BROADWAY	None required (government interest not affecting title)			
City: NEW YORK	8. Payment Information			
	a. Credit Card Last 4 Numbers			
	Expiration Date			
Phone Number: <u>212-425-7200</u>	b. Deposit Account Number <u>11-0600</u>			
Fax Number: <u>212-425-5288</u> Email Address:	Authorized User Name John J. Kelly, Jr.			
0.01/0.0				
9. Signature: John / Killing Signature	January 12, 2005 Date			
John J. Kelly, Jr. (Reg. No. 29,182)	Total number of pages including cover 02			
Name of Person Signing	sheet, attachments, and documents:			

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert ASSIGNEE's Namc(s) Address(es)) NIPPON STEEL CORPORATION

6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 Japan

(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 FOR MANUFACTURING GRAIN-ORIENTED SILICON STEEL

(Title of Invention)

SHEETS WITH MIRROR-LIKE SURFACE

relating to International Patent Application PCI/JP 03 / 00043 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 of execution of application, if not concurrent)

(Signatures)

(a) executed on_____ (b) filed on ______ Serial No. _____/___ (Kenyon & Kenyon New York, N.Y. 10004-1050 U.S.A.) is hereby authorized to insert in (b) the specified data, when known.

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).

1 Joshiyuki Ushigami	Yoshiyuki Ushigami	September 9, 2004	
(BIGNATURE)	(TYPE NAME)	(DATE)	
3 Stuichi (adamwell	Shuichi Nakamura	September 9, 2004	
(SKGNATURE)	(TYPE NAME)	(DATE)	
31 HTTOYASH FUJ77	Hiroyasu Fujii.	September 9, 2004	
(SIGNATURE)	(TYPE NAME)	(DATE)	
"Kenichi Murakami	Kenichi Murakami	September 9, 2004	
(SIGNATURE)	(TYPE NAME)	(DATE)	
5)(SIGNATURE)	(TYPE NAME)	(DATE)	
8)(SIGNATURE)	(TYPE NAME)	(DATE)	
7) (SIGNATURE)	(TYPE NAME)	(DATE)	n an an the stand and an
B)(SKGNATURE)	(TYPE NAME)	(DATE)	

RECORDED: 01/12/2005

PATENT REEL: 015589 FRAM**டி: 0247**. 03