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;OVER SHEET

U.S. PTO 12/803232

06/22/2010

Attorney Docket No.: 07846D/HG

NLY

To the Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nobusuke KARIYA Norio KANAMOTO Hidekazu OOKUBO Yoshiharu KUSUMOTO Takeshi FUJITA

Dorothy DeFrancesco

2. Name and address of receiving party(ies):

JFE STEEL CORPORATION 2-3, Uchisaiwai-cho 2-chome Chiyoda-ku, Tokyo 100-0011 Japan

3. Nature of conveyance: - ASSIGNMENT	
Execution Date(s): October 16, 2008 , October 16, 200	08,October 16, 2008,October 16, 2008 and
October 16, 2008, respectively.	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new applic	cation, the execution date of the application is as follows:
	-1
	.,, respectively.
A. Patent Application No. (s)	B. Patent No.(s)
Filing Date: June 22, 2010	
5. Name and address of party to whom correspondence of Customer No. 01933 FRISHAUF, HOLTZ, GOODMAN & 220 Fifth Avenue, 16th Floor New York, New York 10001-7708	CHICK, P.C.
6. Total number of applications and patents involved:	7. Total fee (37 CFR 3.41): \$ 40.00
	[] Amount included with filing fee attached hereto.
8. Additionally, authorization is given to charge any a Account No. 06-1378.	[X] Form PTO-2038 enclosed. Idditional fees, or credit any overpayments, to Deposit
9. Statement and signature:	
To the best of my knowledge and belief, the foregoing is the original document. By_ Dated:June 22, 2010	RICHARD S. BARTH Reg. No. 28,180
Express Mail" Mailing Label No. EM 445 76	57 456 US
Date of Deposit: June 22, 2010	
States Postal Service "Express Mail Post Offi	application and fee are being deposited with the United ice Addresses" service under 37 CFR 1.10 with sufficient dressed to: Mail Stop Assignment Recordation Services, Office, P.O. Box 1450, Alexandria, VA 22313-1450.
05/2	23/2010 CCHAU1 00000044 12803232

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Total number of pages including cover sheet, attachments and document: 4 **PATENT**

REEL: 024641 FRAME: 0962

40.00 BP

ASSIGNMENT - PCT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

HIGH CARBON HOT-ROLLED STEEL SHEET AND METHOD FOR MANUFACTURING SAME

sell and assign to JFE STEEL CORPORATION

a corporation of **JAPAN**

having a business address at 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan.

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

corresponding to international application number PCT/JP2006/312670 filed on June 19, 2006.;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial number and filing date of said application when known.

SERIAL NO.: 11/922,250 FILING DATE:

Frishauf, Holtz, Goodman & Chick, P.C., 220 Fifth Avenue -- 16th Floor -- New York, NY 10001-7708.

INVENTOR:SIGNATURE	DATE	POST OFFICE ADDRESS
Sign: Nobusuke Lanizar	Date: October 16, 2008	Address: c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan
Type: Nobusuke KARIYA	Witness:	
Sign: Norio Kanamoto	Date: October 16, 2008	Address: c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan
Type: Norio KANAMOTO	Witness:	
NOTES: MUST BE DATED.	WITNESS DESIRABLE. LEGALIZATION NOT REQUIRED.	
	0 A No 01933	

RECORDING OFFICER:

After recording, please return to: Customer No. 01933 FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.

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PATENT REEL: 024641 FRAME: 0963

ASSIGNMENT - PCT

INVENTOR: SIGNATURE	DATE	POST OFFICE ADDRESS
Sign: Hidekazu Ookubo Type: Hidekazu OOKUBO	Date: October 16, 2008 Witness:	Address: c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan
Sign: Yoshi haru Kusumoto Type: Yoshiharu KUSUMOTO	Date: October 16, 2008 Witness:	Address: c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan
Sign: Jakeshi Jujira Type: Takeshi FUJITA	Date: October 16, 2008 Witness:	Address: c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan
Sign:	Date:	Address:
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PATENT REEL: 024641 FRAME: 0964

RECORDED: 06/22/2010