

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hideaki FUJIMOTO</td><td>01/01/2009</td></tr><tr><td>Tsuyoshi MIMURA</td><td>01/01/2009</td></tr><tr><td>Takao HARADA</td><td>01/01/2009</td></tr><tr><td>Masataka TATEISHI</td><td>01/01/2009</td></tr><tr><td>Kiminori HAJIKA</td><td>01/01/2009</td></tr><tr><td>Hiroshi SUGITATSU</td><td>01/01/2009</td></tr></tbody></table>	Name	Execution Date	Hideaki FUJIMOTO	01/01/2009	Tsuyoshi MIMURA	01/01/2009	Takao HARADA	01/01/2009	Masataka TATEISHI	01/01/2009	Kiminori HAJIKA	01/01/2009	Hiroshi SUGITATSU	01/01/2009	
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RECEIVING PARTY DATA															
Name:	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)														
Street Address:	10-26, Wakinohama-cho 2-chome, Chuo-ku														
City:	Kobe-shi, Hyogo														
State/Country:	JAPAN														
Postal Code:	651-8585														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12679128</td></tr></tbody></table>	Property Type	Number	Application Number:	12679128											
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Application Number:	12679128														
CORRESPONDENCE DATA															
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OP \$40.00 12679128

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REEL: 024162 FRAME: 0138

Total Attachments: 2

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ASSIGNMENT OF APPLICATION

WHEREAS I (WE) Hideaki FUJIMOTO of c/o Kobe Steel, Ltd.10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan, Tsuyoshi MIMURA of c/o Kakogawa Works in Kobe Steel, Ltd.Kanazawa-cho 1, Kakogawa-shi, Hyogo 675-0137 Japan, Takao HARADA, Masataka TATEISHI, Kiminori HAJIKA, Hiroshi SUGITATSU of c/o Kobe Steel, Ltd.10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan, respectively, have invented certain new and useful improvements in:

PROCESS FOR PRODUCING MOLTEN IRON

(Application No. 12/679,128 , filed 03/19/2010)and

WHEREAS, Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) having a place of business at: 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan, (hereinafter referred to as "ASSIGNEE") is/are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. of 1940 DUKE STREETALEXANDRIA, VIRGINIA 22314U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date January 1, 2009

藤本 英明

Hideaki FUJIMOTO

Date January 1, 2009

三村 毅

Tsuyoshi MIMURA

Date January 1, 2009

Takao Harada

Takao HARADA

Date January 1, 2009

立石 雅孝

Masataka TATEISHI

Date January 1, 2009

羽鹿 公則

Kiminori HAJIKA

Date January 1, 2009

杉立 宏志

Hiroshi SUGITATSU

Date

Date

Date

Date