

PATENT ASSIGNMENT

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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>Takao HARADA</td><td>07/01/2007</td></tr><tr><td>Hidetoshi TANAKA</td><td>07/01/2007</td></tr><tr><td>Kiminori HAJIKA</td><td>07/01/2007</td></tr><tr><td>Tadashi YASO</td><td>07/01/2007</td></tr><tr><td>Toshiyuki KURAKAKE</td><td>07/01/2007</td></tr></tbody></table>	Name	Execution Date	Takao HARADA	07/01/2007	Hidetoshi TANAKA	07/01/2007	Kiminori HAJIKA	07/01/2007	Tadashi YASO	07/01/2007	Toshiyuki KURAKAKE	07/01/2007	
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<table border="1"><tr><td>Name:</td><td>Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)</td></tr><tr><td>Street Address:</td><td>10-26, Wakinohama-cho 2-chome, Chuo-ku</td></tr><tr><td>City:</td><td>Kobe-shi, Hyogo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>651-8585</td></tr></table>	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			
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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>12298201</td></tr></tbody></table>	Property Type	Number	Application Number:	12298201									
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Application Number:	12298201												
CORRESPONDENCE DATA													
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	333246US0PCT												
NAME OF SUBMITTER:	Keena Capers												

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PATENT
REEL: 021748 FRAME: 0758

Total Attachments: 2

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PATENT

REEL: 021748 FRAME: 0759

ASSIGNMENT OF APPLICATION

WHEREAS I (WE) Takao HARADA of c/o Kobe Steel, Ltd.10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan, Hidetoshi TANAKA of c/o Kobe Steel, Ltd.9-12, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo 141-8688 Japan, Kiminori HAJIKA of c/o Kobe Steel, Ltd.10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan, Tadashi YASO of c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd.5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan, Toshiyuki KURAKAKE of c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd.5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan respectively, have invented certain new and useful improvements in:

PROCESS FOR PRODUCING MOLTEN IRON AND APPARATUS FOR PRODUCING MOLTEN IRON

for which an application for Letters Patent was executed on July 1, 2007 (Application No. , filed), 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.

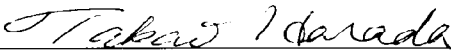
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the 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 STREET ALEXANDRIA, VIRGINIA 22314 U.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 July 1, 2007


Takao HARADA


Date July 1, 2007


Hidetoshi TANAKA

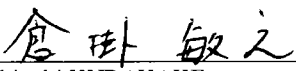
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Date July 1, 2007


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Toshiyuki KURAKAKE

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