

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>Hidenori NAKO</td> <td>06/01/2011</td> </tr> <tr> <td>Yoshitomi OKAZAKI</td> <td>06/01/2011</td> </tr> <tr> <td>Ken YAMASHITA</td> <td>06/01/2011</td> </tr> <tr> <td>Minoru OTSU</td> <td>06/01/2011</td> </tr> <tr> <td>Hideaki TAKAUCHI</td> <td>06/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Hidenori NAKO	06/01/2011	Yoshitomi OKAZAKI	06/01/2011	Ken YAMASHITA	06/01/2011	Minoru OTSU	06/01/2011	Hideaki TAKAUCHI	06/01/2011
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<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.)</td> </tr> <tr> <td>Street Address:</td> <td>10-26, Wakinocho-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 (KOBELCO STEEL, LTD.)	Street Address:	10-26, Wakinocho-cho 2-chome, Chuo-ku	City:	Kobe-shi, Hyogo	State/Country:	Japan	Postal Code:	651-8585		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 7034132220</p> <p>Phone: (703) 413-3000</p> <p>Email: asomaiel@oblon.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Oblon, Spivak, et al.</p> <p>Address Line 1: 1940 Duke Street</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	401466US99PCT												
NAME OF SUBMITTER:	Adel Samuel												
<p>Total Attachments: 2</p> <p>source=401466USAssignment#page1.tif</p> <p>source=401466USAssignment#page2.tif</p>													

OP \$40.00 13574672

ASSIGNMENT OF APPLICATION

WHEREAS I (WE) HIDENORI NAKO and YOSHITOMI OKAZAKI of c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd. 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan, KEN YAMASHITA, MINORU OTSU and HIDEAKI TAKAUCHI of c/o Fujisawa Plant in Kobe Steel, Ltd. 100-1, Miyamae-aza-urakouchi, Fujisawa-shi, Kanagawa 251-0014 Japan, respectively, have invented certain new and useful improvements in:

WELDING METAL HAVING EXCELLENT LOW-TEMPERATURE TOUGHNESS AND DROP-WEIGHT CHARACTERISTICS

(Application No. 13/574,672, filed July 23, 2012) 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, L.L.P. 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 June 1, 2011

石古 秀徳
HIDENORI NAKO

Date June 1, 2011

岡崎 喜臣
YOSHITOMI OKAZAKI

Date June 1, 2011

山下 賢
KEN YAMASHITA

Date June 1, 2011

大津 穰
MINORU OTSU

Date June 1, 2011

高内 英亮
HIDEAKI TAKAUCHI

Date

Date

Date

Date