

## 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>Moriyoshi KANAMARU</td> <td>08/19/2013</td> </tr> <tr> <td>Yuki IWASAKI</td> <td>08/19/2013</td> </tr> <tr> <td>Minoru MATSUI</td> <td>08/19/2013</td> </tr> <tr> <td>Hiroshi GOTO</td> <td>08/19/2013</td> </tr> <tr> <td>Akira NAMBU</td> <td>08/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Moriyoshi KANAMARU	08/19/2013	Yuki IWASAKI	08/19/2013	Minoru MATSUI	08/19/2013	Hiroshi GOTO	08/19/2013	Akira NAMBU	08/19/2013
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<table border="1"> <tr> <td>Name:</td> <td>KOBELCO RESEARCH INSTITUTE, INC.</td> </tr> <tr> <td>Street Address:</td> <td>1-5-1, Wakinohama-kaigan-dori, 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>651-0073</td> </tr> </table>		Name:	KOBELCO RESEARCH INSTITUTE, INC.	Street Address:	1-5-1, Wakinohama-kaigan-dori, Chuo-ku	City:	Kobe-shi, Hyogo	State/Country:	JAPAN	Postal Code:	651-0073		
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CORRESPONDENCE DATA													
<p>Fax Number: 7034132220  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000        Email: asomaiel@oblon.com        Correspondent Name: Oblon, Spivak, et al.        Address Line 1: 1940 Duke Street        Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	418993US99XPCT												
NAME OF SUBMITTER:	Adel Samuel												
Signature:	/Adel Samuel/												

OP \$40.00 13981729

Date:	08/26/2013
Total Attachments: 2 source=418993USAssignment#page1.tif source=418993USAssignment#page2.tif	

## ASSIGNMENT OF APPLICATION

WHEREAS I (WE) MORIYOSHI KANAMARU, YUKI IWASAKI, MINORU MATSUI, HIROSHI GOTO and AKIRA NAMBU of c/o Kobelco Research Institute Inc, 3-1, Shinham 2-chome, Arai-cho, Takasago-shi, Hyogo 676-8670 Japan, respectively, have invented certain new and useful improvements in:

## OXIDE SINTERED BODY AND SPUTTERING TARGET

(Application No. 13/981729, filed July 25, 2013, and

WHEREAS, KOBELCO RESEARCH INSTITUTE, INC. having a place of business at: 1-5-1, Wakinohama-kaigan-dori, Chuo-ku, Kobe-shi, Hyogo 651-0073 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 August 19,2013

金丸 奇賢  
MORIYOSHI KANAMARU

Date August 19,2013

岩崎 祐紀  
YUKI IWASAKI

Date August 19,2013

松井 實  
MINORU MATSUI

Date August 19,2013

後藤 裕史  
HIROSHI GOTO

Date August 19,2013

南部 旭  
AKIRA NAMBU

Date

Date

Date

Date