

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>Yuki IWASAKI</td> <td>06/01/2012</td> </tr> <tr> <td>Hiroshi GOTO</td> <td>06/01/2012</td> </tr> <tr> <td>Moriyoshi KANAMARU</td> <td>06/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yuki IWASAKI	06/01/2012	Hiroshi GOTO	06/01/2012	Moriyoshi KANAMARU	06/01/2012
Name	Execution Date								
Yuki IWASAKI	06/01/2012								
Hiroshi GOTO	06/01/2012								
Moriyoshi KANAMARU	06/01/2012								
RECEIVING PARTY DATA									
Name:	KOBELCO RESEARCH INSTITUTE, INC.								
Street Address:	1-5-1, Wakinohama-kaigan-dori, Chuo-ku, Kobe-shi								
City:	Hyogo								
State/Country:	JAPAN								
Postal Code:	651-0073								
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>13982327</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13982327				
Property Type	Number								
Application Number:	13982327								
CORRESPONDENCE DATA									
Fax Number:	7034132220								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(703) 413-3000								
Email:	lrodriguez@oblon.com								
Correspondent Name:	Oblon, Spivak, et al.								
Address Line 1:	1940 Duke Street								
Address Line 4:	Alexandria, VIRGINIA 22314								
ATTORNEY DOCKET NUMBER:	418972US99X PCT								
NAME OF SUBMITTER:	Liz Rodriguez								
Signature:	/Liz Rodriguez/								
Date:	07/29/2013								
Total Attachments: 2 source=418972USASSIGNMENT#page1.tif source=418972USASSIGNMENT#page2.tif									

OP \$40.00 13982327

ASSIGNMENT OF APPLICATION

WHEREAS I (WE) YUKI IWASAKI, HIROSHI GOTO and MORIYOSHI KANAMARU of c/o Kobelco Research Institute Inc. 3-1, Shinhama 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. _____, filed _____), 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 June 1, 2012

岩崎 祐紀

YUKI IWASAKI

Date June 1, 2012

後藤 裕史

HIROSHI GOTO

Date June 1, 2012

金丸 守賢

MORIYOSHI KANAMARU

Date

Date

Date

Date

Date

Date