# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2825806

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SHIRO TSUKAMOTO	04/01/2014
NOBUHITO MAKINO	04/01/2014
ATSUSHI FUKUSHIMA	04/07/2014
KAZUTO YAGI	04/01/2014
EIJI HINO	04/01/2014

### RECEIVING PARTY DATA

Name:	ne: JX NIPPON MINING & METALS CORPORATION	
Street Address:	6-3, OTEMACHI 2-CHOME	
Internal Address:	CHIYODA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	100-8164	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14353507

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	BEA HOUWEN
SIGNATURE:	/Bea Houwen/
DATE SIGNED:	04/23/2014

**Total Attachments: 4** 

**REEL: 032737 FRAME: 0329** 

PATENT



PATENT REEL: 032737 FRAME: 0330

### OGOSH288USA

#### ASSIGNMENT

WHEREAS, Shiro Tsukamoto, Nobuhito Makino, Atsushi Fukushima, Kazuto Yagi and Eiji Hino, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled "TITANIUM TARGET FOR SPUTTERING", said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been signed by ASSIGNORS; and

WHEREAS, JX Nippon Mining & Metals Corporation, a Japanese Corporation engaged in business at 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo, 100-8164 Japan, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE, THIS IS TO WITNESS, that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any and all application for Letters Patent and Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And ASSIGNORS hereby authorize and request the Commissioner of Patent and Trademarks to issue any and all Letters patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

And ASSIGNORS hereby authorize and direct their attorneys to insert, in the space provided below, the serial number and filing date of the aforesaid application for Letters Patent of the United States when the same shall have been made known to them by the United States Patent and Trademark Office.

PATENT REEL: 032737 FRAME: 0331 IN WITNESS WHEREOF, this Assignment has been executed on the date accompanying our signatures.

	Shiro Touhemento	April, 1,201X (Date)
	Shiro Tsukamoto	(Date)
	Nobuhito Makino	(Date)
	Atsushi Fukushima	(Date)
	Kaznto Ya	gi April, 1, 2014 (Date)
	Kazuto Yagi	(Date)
	Eiji Klino	1st of Apriling 2014 (Date)
	Eiji Hino	(Date)
	Application for IX to 100 c. T. u.	
filed	Application for United States Letters .	s patent Serial Number ,
		HOWSON & HOWSON LLP

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AND TO SERVICE STREET, SALES	Shiro Tsukamoto	(Date)	<b>W</b> errinander
<b>N</b> A SA AND AND AND AND AND AND AND AND AND AN	M Madino  Nobuhito Makino	April (Date)	1,2014
	Atsushi Fukushima	(Date)	
**************************************	Kazuto Yagi	(Date)	
	Eiji Hino	· (Date)	****
filed	Application for United States Letter .	s patent Serial Number	,
		HOWSON & HOWSON LLP	

IN WITNESS WHEREOF, this Assignatures.	nment has been executed on the date
Shiro Tsukamoto	(Date)
Nobuhito Makino	(Date)
Atsushi Tukushim Atsushi Fukushima	a Aprl 7, 2014 (Date)
Kazuto Yagi	(Date)
Eiji Hino	(Date)
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**RECORDED: 04/23/2014**