## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3741247

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AKIRA SAKURAI	10/29/2015
SATOSHI KUMAGAI	10/29/2015
TAKASHI SONOHATA	10/29/2015
MICHIAKI OHTO	10/29/2015

### **RECEIVING PARTY DATA**

Name:	MITSUBISHI MATERIALS CORPORATION	
Street Address: 3-2, OTEMACHI 1-CHOME, CHIYODA-KU		
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	100-8117	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14911236

### CORRESPONDENCE DATA

Fax Number: (914)288-0023

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 914-288-0022

Email: uspto@leasonellis.com

**Correspondent Name:** MELVIN C. GARNER, LEASON ELLIS

Address Line 1: ONE BARKER AVENUE

FIFTH FLOOR Address Line 2:

Address Line 4: WHITE PLAINS, NEW YORK 10601-1526

ATTORNEY DOCKET NUMBER:	06920/004668-US0
NAME OF SUBMITTER:	KAZUE TURIANO FOR MCG
SIGNATURE:	/kazue turiano/
DATE SIGNED:	02/16/2016

**Total Attachments: 12** source=Assn 4668#page1.tif source=Assn\_4668#page2.tif

> **REEL: 037745 FRAME: 0016** 503694609

**PATENT** 



PATENT REEL: 037745 FRAME: 0017

#### COMBINED DECLARATION AND ASSIGNMENT

We, (1) Akira SAKURAI; (2) Satoshi KUMAGAI; (3) Takashi SONOHATA; and (4) Michiaki OHTO, having a residence at (1) (2) and (4) c/o MITSUBISHI MATERIALS CORPORATION, Sakai Plant, 3-1-9, Chikkoshinmachi, Nishi-ku, Sakai-shi, Osaka 592-8331 Japan; and (3) c/o MITSUBISHI MATERIALS CORPORATION, 15-2, Aza Fukimatsu, Onahama, Iwaki-shi, Fukushima 971-8101 Japan (hereinafter "ASSIGNOR") declare that we believe we are the original inventors or original joint inventors of the subject matter which is described and claimed and for which a patent is sought on the invention entitled:

MANUFACTURING METHOD OF CYLINDRICAL SPUTTERING TARGET MATERIAL

which is described and illustrated;
in the attached application indicated with the docket number listed above, or
x in the United States application or PCT Application Number PCT/JP2015/054788
filed on February 20, 2015
In consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good
and valuable consideration, the sufficiency of which and receipt of which are hereby
acknowledged, paid to ASSIGNOR by

#### MITSUBISHI MATERIALS CORPORATION

a Corporation having a place of business at 3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117 Japan (hereinafter "ASSIGNEE"), we do hereby sell and assign to said ASSIGNEE, its successors and assigns, the entire right, title, and interest, throughout the world in and to our Invention and Application; and all patents, divisions, reissues, continuations, continuation-in-parts and any extensions thereof and rights of priority therein, said interest being our entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

We have reviewed and understand the contents of the above identified specification, claims and drawings, as amended by an amendment, if any, specifically referred to herein. We acknowledge that we are aware of the duty to disclose all information known to us that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

And for the consideration aforesaid, we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and we hereby appoint every present or future officer of said ASSIGNEE as our agent to sign all such papers and to do all such necessary acts on our behalf, to the fullest extent permitted by law;

And we hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

Dated:	29/10/2015 (Day/Month/Year)	Akira SAKURAI, Inventor
Dated:	(Day/Month/Year)	Satoshi KUMAGAI, Inventor
Dated:	(Day/Month/Year)	Takashi SONOHATA, Inventor
Dated:	(Day/Month/Year)	Michiaki OHTO, Inventor

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We hereby state that the Application was made or was authorized to be made by us. We have reviewed and understand the contents of the above identified specification, claims and drawings, as amended by an amendment, if any, specifically referred to herein. We acknowledge that we are aware of the duty to disclose all information known to us that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

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Dated:	29/10/2015 (Day/Month/Year)		Takashi Sonohuta Takashi SONOHATA, Inventor
Dated:	(Day/Month/Year)	-	Michiaki OHTO, Inventor

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Dated:	29/10/2015	Michiafri Otto Michiaki OHTO, Inventor

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PATENT REEL: 037745 FRAME: 0029