504927446 05/23/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4974192

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROYUKI HASEGAWA	04/23/2018
NORIAKI MATSUBARA	04/23/2018

RECEIVING PARTY DATA

Name:	SANYO SPECIAL STEEL CO., LTD.	
Street Address:	3007, AZA-ICHIMONJI, NAKASHIMA, SHIKAMA-KU, HYOGO	
City:	HIMEJI-SHI	
State/Country:	JAPAN	
Postal Code:	6728677	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15760421

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MBER: 3824-1802599	
NAME OF SUBMITTER:	RICHARD L. BYRNE	
SIGNATURE:	/Richard L. Byrne/	
DATE SIGNED:	05/22/2018	

Total Attachments: 2

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> **PATENT REEL: 045882 FRAME: 0078** 504927446

Application No	15/760,421
Attorney Docket No.	3824-1802599

ASSIGNMENT

	WHEREAS, as a below named inventor, I have invented certain new and useful
improven	ments in
	SPUTTERING TARGET MATERIAL
	(Invention Title)
	which I have this day executed an application for a United States Patent (hereinafter "said blication").
AND/OR	R
	which an application for a United States Patent was filed on09/16/2016(mm/dd/yyyy) l bears Application Number15/760,421 (hereinafter "said application").
AND/OR	
on on	which an international patent application was filed under the Patent Cooperation Treaty <u>09/16/2016</u> (mm/dd/yyyy), bearing Application No. <u>PCT/JP2016/077457</u> (hereinafter id application").
6728677,	AND, WHEREAS, Sanyo Special Steel Co., Ltd., a corporation of Japan, having of business at 3007, Aza-Ichimonji, Nakashima, Shikama-ku, Himeji-shi, Hyogo, Japan, hereinafter called the "assignee", is desirous of acquiring the entire right, title, est in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

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Application No	15/760,421
Attorney Docket No.	3824-1802599

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR: Hiroyuki HASEGAWA	RESIDENCE: Himeji-shi, Japan
EXECUTED this 23 day of APY	_,2018 Hiroyuki Hasegawa SIGNATURE
WITNESS:	
***************************************	-
2. FULL NAME OF ASSIGNOR: Noriaki MATSUBARA	RESIDENCE: Himeji-shi, Japan
EXECUTED this 23 day of Apr.	•
	Norgaki Matsiburun Signature
WITNESS:	
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RECORDED: 05/23/2018

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