

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3072062

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKESHI SHIMADA	10/14/2014
ITARU UEDA	10/14/2014
KENTARO INO	10/14/2014
RECEIVING PARTY DATA	
Name:	HITACHI METALS, LTD.
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State/Country:	JAPAN
Postal Code:	1058614
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14395568
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	Q215118
NAME OF SUBMITTER:	CHARLES PACE
SIGNATURE:	/Charles Pace/
DATE SIGNED:	10/20/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 1	
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ASSIGNMENT

Whereas, I/we Takeshi SHIMADA, Itaru UEDA and Kentaro INO
all of Osaka, Japan

hereinafter called assignor(s), have invented certain improvements in

SEMICONDUCTOR CERAMIC COMPOSITION, METHOD FOR PRODUCING SAME, AND PTC
ELEMENT

and executed an application for Letters Patent of the United States of America therefor on

October 14, 2014; and

Whereas, HITACHI METALS, LTD.
2-1, Shibaura 1-chome, Minato-ku, Tokyo 1058614 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named
assignee, its successors and assigns, the entire right, title and interest in the application and the
invention disclosed therein for the United States of America, including the right to claim priority under
35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any
Letters Patent granted upon the invention set forth in the application to the assignee, its successors
and assigns; and I/we will execute without further consideration all papers deemed necessary by the
assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: October 14, 2014

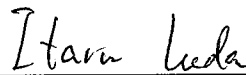
s/



Takeshi SHIMADA

Date: October 14, 2014

s/



Itaru UEDA

Date: October 14, 2014

s/



Kentaro INO

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)