

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4688080

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKUMA TAKAHASHI	09/15/2017
JUNICHI TATAMI	09/15/2017
NANAKO SUGIMOTO	09/15/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KANAGAWA INSTITUTE OF INDUSTRIAL SCIENCE AND TECHNOLOGY
<b>Street Address:</b>	705-1, SHIMOIMAIZUMI, EBINA-SHI
<b>City:</b>	KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	243-0435
<b>Name:</b>	NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY
<b>Street Address:</b>	79-1, TOKIWADAI, HODOGAYA-KU, YOKOHAMA-SHI
<b>City:</b>	KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	240-8501
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15555532
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(734)418-4201
<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>	
<b>Phone:</b>	734-418-4292
<b>Email:</b>	arhoades@honigman.com
<b>Correspondent Name:</b>	HONIGMAN MILLER SCHWARTZ AND COHN LLP
<b>Address Line 1:</b>	315 EAST EISENHOWER PARKWAY, SUITE 100
<b>Address Line 4:</b>	ANN ARBOR, MICHIGAN 48108
<b>ATTORNEY DOCKET NUMBER:</b>	260487-418088
<b>NAME OF SUBMITTER:</b>	ANNA M. BUDDE
<b>SIGNATURE:</b>	/Anna M. Budde/

<b>DATE SIGNED:</b>	11/14/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 4</b> source=418088_Declarations#page1.tif source=418088_Declarations#page2.tif source=418088_Declarations#page3.tif source=418088_Declarations#page4.tif	

KP16F-132-PCT-US  
09P-7112  
US 審判部 1/2

Docket No.:

## COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY PATENT AND DESIGN PATENT APPLICATIONS

### DECLARATION

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: CRYSTAL ORIENTED CERAMICSCRYSTAL ORIENTED CERAMICS, THE PRODUCTION PROCESS, AND HEAT RADIATION MATERIAL

the application of which is attached hereto unless the following is checked

was filed on September 4, 2017 as United States Application Number 15/555,532 and was filed on March 4, 2016 as PCT International Application Number PCT/JP2016/056881 and was amended on \_\_\_\_\_ (if applicable).

The above-identified application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims.

I hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

### ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by

Insert Assignee(s) Name/Address: (1) Kanagawa Institute of Industrial Science and Technology  
705-1, Shimoimaizumi, Ebina-shi, Kanagawa 243-0435, Japan  
(2) National University Corporation YOKOHAMA National University  
79-1, Tokiwadai, Hodogaya-ku, Yokohama-shi, Kanagawa 240-8501 Japan

(hereinafter ASSIGNEE), the undersigned

ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

KPI6F-132-PCT-US  
02P-71112  
USPTO 3/2

Docket No.:

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor ⇒ Takuma TAKAHASHI Date: September 15, 2017

Inventor's Signature ⇒ *Takuma Takahashi*

Legal Name of inventor ⇒ Junichi TATAMI Date:

Inventor's Signature ⇒

Legal Name of inventor ⇒ Nanako SUGIMOTO Date:

Inventor's Signature ⇒

Legal Name of inventor ⇒ Date:

Inventor's Signature ⇒

Legal Name of inventor ⇒ Date:

Inventor's Signature ⇒

Legal Name of inventor ⇒ Date:

Inventor's Signature ⇒

Note: Use an additional form for each additional inventor.

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09P-71112  
US 宣讓 1/2

Docket No.:

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Insert Assignee(s) Name/Address: (1) Kanagawa Institute of Industrial Science and Technology  
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(2) National University Corporation YOKOHAMA National University  
79-1, Tokiwadai, Hodogaya-ku, Yokohama-shi, Kanagawa 240-8501 Japan

(hereinafter ASSIGNEE), the undersigned

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The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

F1508US  
09p-17112  
US 宝塚 1/2

Docket No.:

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Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor → Takuma TAKAHASHI Date: \_\_\_\_\_

Inventor's Signature → \_\_\_\_\_

Legal Name of inventor → Junichi TATAMI Date: September 15, 2017

Inventor's Signature → *Junichi Tatami*

Legal Name of inventor → Nanako SUGIMOTO Date: September 15, 2017

Inventor's Signature → *Nanako Sugimoto*

Legal Name of inventor → \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Signature → \_\_\_\_\_

Legal Name of inventor → \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Signature → \_\_\_\_\_

Legal Name of inventor → \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Signature → \_\_\_\_\_

Note: Use an additional form for each additional inventor.