

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KENJI YAMAMOTO	07/07/2017
YOSHIFUMI SHIGETA	07/04/2017
MOTOTSUGU OSADA	07/04/2017
ATSUSHI TAKATA	07/04/2017
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<b>Name:</b>	SHINAGAWA REFRACTORIES CO., LTD.
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<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-0004
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15542710
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	2017-1127A
<b>NAME OF SUBMITTER:</b>	SARAH PEDERSEN
<b>SIGNATURE:</b>	/Sarah Pedersen/
<b>DATE SIGNED:</b>	07/11/2017
<b>Total Attachments: 2</b>	
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source=executed assignment#page2.tif	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)  
AND ASSIGNMENT**

<b>Title of Invention</b>	SLAB CONTINUOUS CASTING APPARATUS
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As the below named inventors, we hereby declare that:

This declaration

is directed to:

The attached application, or

United States application or PCT international application

number PCT/JP2015/078904 filed on October 13, 2015.

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

We believe that we are the original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, we hereby sell and assign to

SHINAGAWA REFRACTORIES CO., LTD.

(Name of Assignee)

of 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan

(address of Assignee)

(hereinafter designated as the Assignee) our entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application.

We agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

We agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to

cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

We agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

We agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

We hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of our entire interest, and covenant that we have not executed, and will not execute, any agreement in conflict herewith.

We hereby grant the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Inventor (Legal Name): Kenji YAMAMOTO

Signature: Kenji Yamamoto

Date: July 7, 2017

Inventor (Legal Name): Yoshifumi SHIGETA

Signature: Yoshifumi Shigeta

Date: July 4, 2017

Inventor (Legal Name): Mototsugu OSADA

Signature: Mototsugu Osada

Date: July 4, 2017

Inventor (Legal Name): Atsushi TAKATA

Signature: Atsushi Takata

Date: July 4, 2017