PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENJI YAMAMOTO	09/22/2016
YOSHIFUMI SHIGETA	09/16/2016
MOTOTSUGU OSADA	09/16/2016
ATSUSHI TAKATA	09/16/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15124194

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2016-1215A	
NAME OF SUBMITTER:	SARAH PEDERSEN	
SIGNATURE:	/Sarah Pedersen/	
DATE SIGNED:	10/06/2016	

Total Attachments: 3

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PATENT REEL: 039952 FRAME: 0579

Modified PTO/AIA/01 (06-12)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT		
Title of Invention	SLAB CONTINUOUS CASTING APPARATUS	
As the below named inventors, we hereby declare that:		
This declara		
	X United States application or PCT international application	
	number <u>PCT/JP2014/072462</u> filed on <u>August 27, 2014</u> .	
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 1000004 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.		

PATENT REEL: 039952 FRAME: 0580 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): <u>Kenji YAMAMOTO</u>
Signature: <u>Kenji Yamamoto</u>
Date: <u>Sep. 22, 2016</u>
,
Inventor (Legal Name): Yoshifumi SHIGETA
\mathbf{Y}_{i} \mathbf{A}_{i} \mathbf{A}_{i}
Signature: Toshitumi Shigeta
Date: 5-ep. 16, 2016
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Inventor (Legal Name): Mototsugu OSADA	
Signature: Motolsugu Asada	
Date: Sep. 16, 2016	
Inventor (Legal Name): Atsushi TAKATA	
Signature: Atsushī Takata	
Date:Sep. 16, 2016	
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Date:	

RECORDED: 10/06/2016

PATENT REEL: 039952 FRAME: 0582