

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenji YAMAMOTO</td> <td>02/01/2012</td> </tr> <tr> <td>Mototsugu OSADA</td> <td>02/01/2012</td> </tr> <tr> <td>Atsushi TAKATA</td> <td>02/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kenji YAMAMOTO	02/01/2012	Mototsugu OSADA	02/01/2012	Atsushi TAKATA	02/01/2012
Name	Execution Date								
Kenji YAMAMOTO	02/01/2012								
Mototsugu OSADA	02/01/2012								
Atsushi TAKATA	02/01/2012								
RECEIVING PARTY DATA									
Name:	SHINAGAWA REFRACTORIES CO., LTD.								
Street Address:	1-7, Kudan-kita 4-chome, Chiyoda-ku,								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	102-0073								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13496352</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13496352				
Property Type	Number								
Application Number:	13496352								
CORRESPONDENCE DATA									
Fax Number:	(202)721-8250								
Phone:	202-721-8200								
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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NAME OF SUBMITTER:	Kelly Fore								
Total Attachments: 1 source=ASSIGNMENT#page1.tif									

OP \$40.00 13496352

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Kenji YAMAMOTO, Mototsugu OSADA and Atsushi TAKATA hereby sells, assigns and transfers to

SHINAGAWA REFRACTORIES CO., LTD.
of 1-7, Kudan-kita 4-chome, Chiyoda-ku, Tokyo 102-0073 Japan

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled SLIDE VALVE APPARATUS FOR AUTOMATIC APPLICATION OF SURFACE PRESSURE AND SURFACE PRESSURE APPLICATION METHOD THEREOF which was executed by the undersigned on _____ or was filed on December 1, 2010 and accorded Serial No. PCT/JP2010/071462 (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):	DATE
(Kenji YAMAMOTO) <u>Kenji Yamamoto</u>	<u>Feb. 1, 2012</u>
(Mototsugu OSADA) <u>Mototsugu Osada</u>	<u>Feb. 1, 2012</u>
(Atsushi TAKATA) <u>Atsushi Takata</u>	<u>Feb. 1, 2012</u>
_____	_____
_____	_____

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