

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Mamoru Kosakai</td> <td>07/23/2012</td> </tr> <tr> <td>Kazunori Ishimura</td> <td>07/23/2012</td> </tr> <tr> <td>Takashi Satou</td> <td>07/23/2012</td> </tr> <tr> <td>Ryuuji Hayahara</td> <td>07/23/2012</td> </tr> <tr> <td>Takeshi Watanabe</td> <td>07/23/2012</td> </tr> <tr> <td>Yoshiaki Moriya</td> <td>07/23/2012</td> </tr> <tr> <td>Kei Furuuchi</td> <td>07/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mamoru Kosakai	07/23/2012	Kazunori Ishimura	07/23/2012	Takashi Satou	07/23/2012	Ryuuji Hayahara	07/23/2012	Takeshi Watanabe	07/23/2012	Yoshiaki Moriya	07/23/2012	Kei Furuuchi	07/23/2012
Name	Execution Date																
Mamoru Kosakai	07/23/2012																
Kazunori Ishimura	07/23/2012																
Takashi Satou	07/23/2012																
Ryuuji Hayahara	07/23/2012																
Takeshi Watanabe	07/23/2012																
Yoshiaki Moriya	07/23/2012																
Kei Furuuchi	07/23/2012																
RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>Sumitomo Osaka Cement Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>6-28, Rokuban-cho</td> </tr> <tr> <td>City:</td> <td>Chiyoda-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>102-8465</td> </tr> </table>		Name:	Sumitomo Osaka Cement Co., Ltd.	Street Address:	6-28, Rokuban-cho	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN	Postal Code:	102-8465						
Name:	Sumitomo Osaka Cement Co., Ltd.																
Street Address:	6-28, Rokuban-cho																
City:	Chiyoda-ku, Tokyo																
State/Country:	JAPAN																
Postal Code:	102-8465																
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>13575545</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13575545												
Property Type	Number																
Application Number:	13575545																
CORRESPONDENCE DATA																	
Fax Number:	5132416234																
Phone:	5132412324																
Email:	mtaulbee@whe-law.com																
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.																	
Correspondent Name:	Randall S. Jackson, Jr.																
Address Line 1:	441 Vine Street																
Address Line 2:	Suite 2700																
Address Line 4:	Cincinnati, OHIO 45202																

OP \$40.00 13575545

ATTORNEY DOCKET NUMBER:	SHG-169P2
NAME OF SUBMITTER:	Randall S. Jackson, Jr.
Total Attachments: 2 source=SHG-169P2_Assignment#page1.tif source=SHG-169P2_Assignment#page2.tif	

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, the inventor(s) named below, hereby assign to
SUMITOMO OSAKA CEMENT CO., LTD.
 a Corporation of Japan and having a place of business at
6-28, Rokuban-cho, Chiyoda-ku, Tokyo 102-8465 Japan, and its successors and
 assigns (collectively hereinafter called "the Assignee"), my/our entire right, title and interest
 throughout the world in the inventions and improvements which are subject of our application for
 United States Patent executed on even date herewith, entitled

ELECTROSTATIC CHUCK APPARATUS

this assignment including said application, any continuation, division or continuation-in-part
 thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and
 design registrations granted for any of said inventions or improvements, and the right to claim
 priority based on the filing date of said application under the International Convention for the
 Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention,
 and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our
 name or in its own name for patents, utility models, and design registrations and like rights of
 exclusion and for inventors' certificates for said inventions and improvements; and agree for
 ourselves and our respective heirs, legal representatives and assigns, without further compensation
 to perform such lawful acts and to sign such further applications, assignments, Preliminary
 Statements and other lawful documents as the Assignee may reasonably request to effectuate fully
 this assignment.

Name of (check one) Sole Assignor X Joint Assignor

<u>Mamoru KOSAKAI</u> Typed Name	<u>Mamoru Kosakai</u> Signature	<u>July 23, 2012</u> Date
<u>Kazunori ISHIMURA</u> Typed Name	<u>Kazunori Ishimura</u> Signature	<u>July 23, 2012</u> Date

G102205
譲与
0104291805

<u>Takashi SATOU</u> Typed Name	<u>Takashi Satou</u> Signature	<u>July 23, 2012</u> Date
<u>Ryuuji HAYAHARA</u> Typed Name	<u>Ryuuji Hayahara</u> Signature	<u>July 23, 2012</u> Date
<u>Takeshi WATANABE</u> Typed Name	<u>Takeshi Watanabe</u> Signature	<u>July 23, 2012</u> Date
<u>Yoshiaki MORIYA</u> Typed Name	<u>Yoshiaki Moriya</u> Signature	<u>July 23, 2012</u> Date
<u>Kei FURUUCHI</u> Typed Name	<u>Kei Furuuchi</u> Signature	<u>July 23, 2012</u> Date