

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>Kaduko ISHIKAWA</td> <td>01/28/2013</td> </tr> <tr> <td>Junji YONEZAWA</td> <td>02/05/2013</td> </tr> <tr> <td>Toshihiro AOSHIMA</td> <td>01/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kaduko ISHIKAWA	01/28/2013	Junji YONEZAWA	02/05/2013	Toshihiro AOSHIMA	01/30/2013
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Kaduko ISHIKAWA	01/28/2013								
Junji YONEZAWA	02/05/2013								
Toshihiro AOSHIMA	01/30/2013								
RECEIVING PARTY DATA									
Name:	Toto Ltd.								
Street Address:	1-1, Nakashima 2-chome, Kokurakita-ku								
City:	Kitakyushu-shi, Fukuoka								
State/Country:	JAPAN								
Postal Code:	802-8601								
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>13816050</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13816050				
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Application Number:	13816050								
CORRESPONDENCE DATA									
Fax Number:	2483441096								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	248-344-4422								
Email:	cbalaw@gmail.com								
Correspondent Name:	Carrier Blackman & Associates, P. C.								
Address Line 1:	43440 W. Ten Mile Rd.								
Address Line 4:	Novi, MICHIGAN 48375								
ATTORNEY DOCKET NUMBER:	HAA-127-A								
NAME OF SUBMITTER:	Joseph P. Carrier								
Total Attachments: 2 source=HAA-127-A_Assignment#page1.tif source=HAA-127-A_Assignment#page2.tif									

OP \$40.00 13816050

PATENT

G2110051

ASSIGNMENT

In consideration of value received,

Kaduko ISHIKAWA of Fukuoka-ken, Japan

Junji YONEZAWA of Fukuoka-ken, Japan

Toshihiro AOSHIMA of Fukuoka-ken, Japan

hereinafter referred to as "Assignor", sell and assign to

TOTO LTD.

a corporation of Japan, having a place of business at

1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka, Japan,

, respectively, its successors, assigns or nominees, hereinafter referred to as "Assignee", the entire right, title and interest in and to an invention entitled:

**"ELECTROSTATIC CHUCK AND METHOD OF MANUFACTURING
ELECTROSTATIC CHUCK"**

invented by the Assignor and as described in the following (application serial number and filing date may be filled in by authorized agent under Customer No. 21828 if this information is unknown at time of execution by Assignor):

U.S. Patent Application 13/816,050, National Phase of International Application PCT/JP2011/068401

and in and to all applications for patent for said invention in all countries, and all divisions, reissues, continuations and extensions of any of said applications, and all rights of priority resulting from the filing of any said applications; and Assignor authorizes and requests any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and Assignor agrees that on request and without further consideration, but at the expense of said Assignee, Assignor will communicate to said Assignee or its representatives any facts known to Assignor respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce a proper patent protection for said invention in all countries.

Subscribed and executed at Kitakyushu-shi, Fukuoka-ken, Japan
(City and Country)

January 28, 2013

Date

Kaduko Ishikawa

Assignor - Kaduko ISHIKAWA

February 05, 2013

Date

Junji Yonezawa

Assignor - Junji YONEZAWA

January 30, 2013

Date

Toshihiro Aoshima

Assignor - Toshihiro AOSHIMA