

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Norio SHIRAIWA</td> <td>04/24/2008</td> </tr> <tr> <td>Takeshi KOBAYASHI</td> <td>04/24/2008</td> </tr> <tr> <td>Yuichi HATA</td> <td>04/24/2008</td> </tr> <tr> <td>Naoto WATANABE</td> <td>04/24/2008</td> </tr> </tbody> </table>		Name	Execution Date	Norio SHIRAIWA	04/24/2008	Takeshi KOBAYASHI	04/24/2008	Yuichi HATA	04/24/2008	Naoto WATANABE	04/24/2008
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Yuichi HATA	04/24/2008										
Naoto WATANABE	04/24/2008										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	SHINKO ELECTRIC INDUSTRIES CO., LTD.										
<b>Street Address:</b>	80, OSHIMADA-MACHI										
<b>City:</b>	NAGANO-SHI, NAGANO										
<b>State/Country:</b>	JAPAN										
<b>Postal Code:</b>	381-2287										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12116631</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12116631						
Property Type	Number										
Application Number:	12116631										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(202)204-0289										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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<b>Address Line 2:</b>	SUITE 1100										
<b>Address Line 4:</b>	WASHINGTON, DISTRICT OF COLUMBIA 20005										
<b>ATTORNEY DOCKET NUMBER:</b>	48370_0089_423261										
<b>NAME OF SUBMITTER:</b>	John G. Smith										
<b>Total Attachments: 2</b> source=48370_0089_423261_Assignment#page1.tif											

OP \$40.00 12116631



**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

ELECTROSTATIC CHUCK AND METHOD OF MANUFACTURING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on \_\_\_\_\_, (Serial No. \_\_\_\_\_); and

WHEREAS, SHINKO ELECTRIC INDUSTRIES CO., LTD., a corporation of Japan, whose post office address is 80, OSHIMADA-MACHI, NAGANO-SHI, NAGANO 381-2287, JAPAN, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Norio SHIRAIWA	Assignor's Signature <i>Norio Shiraiwa</i>	Date April 24, 2008
Address c/o SHINKO ELECTRIC INDUSTRIES CO., LTD., 80, Oshimada-machi, Nagano-shi, Nagano 381-2287, Japan		Citizenship Japan
Full Name of Second Assignor Takeshi KOBAYASHI	Assignor's Signature <i>Takeshi Kobayashi</i>	Date April 24, 2008
Address c/o SHINKO ELECTRIC INDUSTRIES CO., LTD., 80, Oshimada-machi, Nagano-shi, Nagano 381-2287, Japan		Citizenship Japan
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

<b>Full Name of Third Assignor</b> Yuichi HATA	Assignor's Signature <i>Yuichi Hata</i>	Date April 24, 2008
Address c/o SHINKO ELECTRIC INDUSTRIES CO., LTD., 80, Oshimada-machi, Nagano-shi, Nagano 381-2287, Japan		Citizenship Japan
<b>Full Name of Fourth Assignor</b> Naoto WATANABE	Assignor's Signature <i>Naoto Watanabe</i>	Date April 24, 2008
Address c/o SHINKO ELECTRIC INDUSTRIES CO., LTD., 80, Oshimada-machi, Nagano-shi, Nagano 381-2287, Japan		Citizenship Japan
<b>Full Name of Fifth Assignor</b>	Assignor's Signature	Date
Address		Citizenship
<b>Full Name of Sixth Assignor</b>	Assignor's Signature	Date
Address		Citizenship
<b>Full Name of Seventh Assignor</b>	Assignor's Signature	Date
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Address		Citizenship
<b>Full Name of Ninth Assignor</b>	Assignor's Signature	Date
Address		Citizenship
<b>Full Name of Tenth Assignor</b>	Assignor's Signature	Date
Address		Citizenship
<b>Full Name of Eleventh Assignor</b>	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		