

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>Koichi TANAKA</td> <td>06/12/2012</td> </tr> <tr> <td>Nobuyuki KURASHIMA</td> <td>06/12/2012</td> </tr> <tr> <td>Hajime IIZUKA</td> <td>06/12/2012</td> </tr> <tr> <td>Tetsuya KOYAMA</td> <td>06/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Koichi TANAKA	06/12/2012	Nobuyuki KURASHIMA	06/12/2012	Hajime IIZUKA	06/12/2012	Tetsuya KOYAMA	06/12/2012
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Hajime IIZUKA	06/12/2012										
Tetsuya KOYAMA	06/12/2012										
RECEIVING PARTY DATA											
Name:	SHINKO ELECTRIC INDUSTRIES CO., LTD.										
Street Address:	80, Oshimada-machi										
City:	Nagano-shi, Nagano										
State/Country:	JAPAN										
Postal Code:	381-2287										
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>13526821</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13526821						
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Application Number:	13526821										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	048370-0207										
NAME OF SUBMITTER:	Peter J. Sistare										
Total Attachments: 2 source=048370_0207_Assignment#page1.tif source=048370_0207_Assignment#page2.tif											

OP \$40.00 13526821

ATTORNEY DOCKET NO.:
SOLE/JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

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

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 Koichi TANAKA	Assignor's Signature <i>Koichi Tanaka</i>	Date June 12, 2012
Address c/o SHINKO ELECTRIC INDUSTRIES CO., LTD., 80, Oshimada-machi, Nagano-shi, Nagano, 381-2287 Japan		Citizenship Japan
Full Name of Second Assignor Nobuyuki KURASHIMA	Assignor's Signature <i>Kurashima Nobuyuki</i>	Date June 12, 2012
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		

ATTORNEY DOCKET NO.:

Full Name of Third Assignor Hajime IIZUKA	Assignor's Signature <i>Hajime Iizuka</i>	Date June 12, 2012
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Full Name of Fourth Assignor Tetsuya KOYAMA	Assignor's Signature <i>Tetsuya Koyama</i>	Date June 12, 2012
Address c/o SHINKO ELECTRIC INDUSTRIES CO., LTD., 80, Oshimada-machi, Nagano-shi, Nagano, 381-2287 Japan		Citizenship Japan
Full Name of Fifth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		