

## 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>Atsunori KAJIKI</td><td>11/13/2008</td></tr><tr><td>Sadakazu AKAIKE</td><td>11/13/2008</td></tr><tr><td>Takashi TSUBOTA</td><td>11/13/2008</td></tr><tr><td>Norio YAMANISHI</td><td>11/13/2008</td></tr></tbody></table>	Name	Execution Date	Atsunori KAJIKI	11/13/2008	Sadakazu AKAIKE	11/13/2008	Takashi TSUBOTA	11/13/2008	Norio YAMANISHI	11/13/2008	
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Takashi TSUBOTA	11/13/2008										
Norio YAMANISHI	11/13/2008										
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>12277905</td></tr></tbody></table>	Property Type	Number	Application Number:	12277905							
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Application Number:	12277905										
CORRESPONDENCE DATA											
Fax Number:	(202)204-0289										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	202-842-8800										
Email:	faiza.shahzadi@dbr.com										
Correspondent Name:	DRINKER BIDDLE & REATH (DC)										
Address Line 1:	1500 K STREET, N.W.										
Address Line 2:	SUITE 1100										
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005-1209										
ATTORNEY DOCKET NUMBER:	48370_0129										
NAME OF SUBMITTER:	Paul Fournier										
Total Attachments: 2											

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PATENT  
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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:

SEMICONDUCTOR APPARATUS

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).

<b>Full Name of Sole or First Assignor</b> Atsunori KAJIKI	<b>Assignor's Signature</b> <i>Atsunori Kajiki</i>	<b>Date</b> November 13, 2008
<b>Address</b> c/o Shinko Electric Industries Co., Ltd., 80, Oshimada-machi, Nagano-shi, Nagano 381-2287 Japan		<b>Citizenship</b> Japan
<b>Full Name of Second Assignor</b> Sadakazu AKAIKE	<b>Assignor's Signature</b> <i>Sadakazu Akaike</i>	<b>Date</b> November 13, 2008
<b>Address</b> c/o Shinko Electric Industries Co., Ltd., 80, Oshimada-machi, Nagano-shi, Nagano 381-2287 Japan		<b>Citizenship</b> Japan
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

<b>Full Name of Third Assignor</b> Takashi TSUBOTA	<b>Assignor's Signature</b> <i>Takashi Tsubota</i>	<b>Date</b> November 13, 2008
<b>Address</b> c/o Shinko Electric Industries Co., Ltd., 80, Oshimada-machi, Nagano-shi, Nagano 381-2287 Japan		<b>Citizenship</b> Japan
<b>Full Name of Fourth Assignor</b> Norio YAMANISHI	<b>Assignor's Signature</b> <i>Norio Yamanishi</i>	<b>Date</b> November 13, 2008
<b>Address</b> c/o Shinko Electric Industries Co., Ltd., 80, Oshimada-machi, Nagano-shi, Nagano 381-2287 Japan		<b>Citizenship</b> Japan
<b>Full Name of Fifth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Sixth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Seventh Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Eighth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Ninth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Tenth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Eleventh Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Names of additional inventors attached</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		