

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>Shuzo Aoki</td><td>07/04/2007</td></tr><tr><td>Hisateru Iijima</td><td>07/04/2007</td></tr><tr><td>Katsuaki Sakai</td><td>07/04/2007</td></tr><tr><td>Meisou Chin</td><td>07/04/2007</td></tr></tbody></table>	Name	Execution Date	Shuzo Aoki	07/04/2007	Hisateru Iijima	07/04/2007	Katsuaki Sakai	07/04/2007	Meisou Chin	07/04/2007	
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Shuzo Aoki	07/04/2007										
Hisateru Iijima	07/04/2007										
Katsuaki Sakai	07/04/2007										
Meisou Chin	07/04/2007										
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>11775545</td></tr></tbody></table>	Property Type	Number	Application Number:	11775545							
Property Type	Number										
Application Number:	11775545										
CORRESPONDENCE DATA											
Fax Number:	(216)566-9711										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	David E. Spaw										
Total Attachments: 2 source=17440#page1.tif											

CH 11775545 \$40.00

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PATENT
REEL: 019543 FRAME: 0540

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

SEMICONDUCTOR MODULE AND HEAT RADIATING PLATE

that are the subject of an application for a U.S. Patent, (Application No. 11/775545, filed 07/10/2007), which application is further identified as Rankin, Hill, Porter & Clark LLP Docket No. NGB-17440.

WHEREAS, Shinko Electric Industries Co., Ltd., a corporation of Japan, and having a place of business at 80, Oshimada-machi, Nagano-shi, Nagano 381-2287, Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

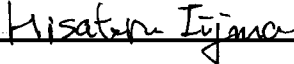
The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP the power to insert on this assignment any identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Shuzo AOKI
Signature: 
Today's Date : July 4, 2007

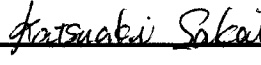
Witness: _____

Witness: _____

(2) Inventor Name (joint): Hisateru IJIMA
Signature: 
Today's Date : July 4, 2007

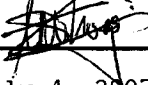
Witness: _____

Witness: _____

(3) Inventor Name (joint): Katsuaki SAKAI
Signature: 
Today's Date : July 4, 2007

Witness: _____

Witness: _____

(4) Inventor Name (joint): Meisou CHIN
Signature: 
Today's Date : July 4, 2007

Witness: _____

Witness: _____