

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>Michio Horiuchi</td> <td>08/02/2012</td> </tr> <tr> <td>Yasue Tokutake</td> <td>08/02/2012</td> </tr> <tr> <td>Yuichi Matsuda</td> <td>08/02/2012</td> </tr> </tbody> </table>	Name	Execution Date	Michio Horiuchi	08/02/2012	Yasue Tokutake	08/02/2012	Yuichi Matsuda	08/02/2012	
Name	Execution Date								
Michio Horiuchi	08/02/2012								
Yasue Tokutake	08/02/2012								
Yuichi Matsuda	08/02/2012								
RECEIVING PARTY DATA									
Name:	SHINKO ELECTRIC INDUSTRIES CO., LTD.								
Street Address:	80, Oshimada-machi								
Internal Address:	Nagano-shi								
City:	Nagano-ken								
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>13613720</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13613720					
Property Type	Number								
Application Number:	13613720								
CORRESPONDENCE DATA									
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Phone:	6176468000								
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Address Line 2:	Wolf Greenfield								
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NAME OF SUBMITTER:	Randy J. Pritzker								
Total Attachments: 1 source=Executed Assignment#page1.tif									

CH \$40.00 13613720

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

SHINKO ELECTRIC INDUSTRIES CO., LTD.

(hereinafter referred to as "ASSIGNEE"), which has a business office at

80, Oshimada-machi, Nagano-shi, Nagano-ken 381-2287 Japan,

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

THERMAL INTERFACE MATERIAL, METHOD FOR MANUFACTURING THERMAL INTERFACE MATERIAL, AND JOINING STRUCTURE USING THERMAL INTERFACE MATERIAL
(File No. 81778-70007012) for which I(we) have executed an application for a United States Letters Patent on August 2, 2012.
(Application Serial No. 13/613720 filed on September 13, 2012.)

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.

3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1) *Michio Horiuchi* Date: Aug. 2, 2012
Name: Michio HORIUCHI

2) *Yasue Tokutake* Date: Aug. 2, 2012
Name: Yasue TOKUTAKE

3) *Yuichi Matsuda* Date: Aug. 2, 2012
Name: Yuichi MATSUDA

Witness: *Koichi Toya* Date: Aug. 3, 2012