

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Junji Sato	07/01/2015
Kiyotaka Mochizuki	07/01/2015
Kazuhiro KOBAYASHI	07/03/2015
Katsuya FUKASE	07/01/2015
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<b>State/Country:</b>	JAPAN
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14848453
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<b>DATE SIGNED:</b>	11/09/2015
<b>Total Attachments: 1</b>	



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:

**WIRING SUBSTRATE AND SEMICONDUCTOR DEVICE**

(File No. \_\_\_\_\_) for which I(we) have executed an application for a United States Letters Patent on July 1 and 3, 2015.  
(Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.)

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) Junji Sato Date: July 1, 2015  
Name: Junji SATO

2) Kiyotaka Mochizuki Date: July 1, 2015  
Name: Kiyotaka MOCHIZUKI

3) Kazuhiro Kobayashi Date: July 3, 2015  
Name: Kazuhiro KOBAYASHI

4) Katsuya Fukase Date: July 1, 2015  
Name: Katsuya FUKASE

Witness: Kaichi Goya Date: July 6, 2015