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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
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RYO FUKASAWA		12/12/2016
TAKEHITO TERASAWA		12/13/2016

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City:	NAGANO-SHI, NAGANO-KEN		
State/Country:	JAPAN		
Postal Code:	381-2287		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15425390

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NAME OF SUBMITTER:		CHRISTOPHER P. HARRIS	
SIGNATURE:		/Christopher P Harris/	
DATE SIGNED:		02/06/2017	
Total Attachments: 1 source=026363Assignment#page	1.tif		

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. OTI-026363 US ORD) for which I (we) have executed an application for a United States Letters Patent on <u>December 12 and 13, 2016</u>. (Application Serial No. 15/425390 filed on 6 February 2017 .)

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) Ryo Fukasawa Name: Ryo FUKASAWA	Date: <u>December</u> 12, 2016
2) Jakehito Jerasawa Name: Takehito TERASAWA	Date: December 13, 2016
Witness: Korichi Toya	Date: December 13, 2016

RECORDED: 02/06/2017