# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date		
NATSUKO KITAJO	09/22/2016		
YUJI YUKIIRI	09/16/2016		
IZUMI TANAKA	09/16/2016		

# **RECEIVING PARTY DATA**

Name:	SHINKO ELECTRIC INDUSTRIES CO., LTD.		
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State/Country:	JAPAN		
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# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15298487

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NAME OF SUBMITTER:	CHRISTOPHER P. HARRIS
SIGNATURE:	/Christopher P Harris/
DATE SIGNED:	10/20/2016

**Total Attachments: 1** 

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**PATENT** REEL: 040074 FRAME: 0687 504058952

#### 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. OT	I-026065 US	$^{ m ORD}$ ) for	which	I (we)	have	exect	uted	an app	lication
for a United	d States	Letters	Patent	on Se	eptembe	er 16	and 2	2, 2016	ŝ .
(Application	n Serial	No. 15/298	487	fi	led or	20	October	r 2016	. }

- 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) Natsuko KITAJO	Date: September 22, 20(b
Name: Natsuko KITAJO	
2) Yuji Yukisiri	Date: September 16, 2016
Name: Yuji YUKIIRI	
3) Izumi TANAKA	Date: <u>September 16.20/6</u>
Name: Izumi TANAKA	
Witness: Koichi Toya	Date: September 23, 2016

PATENT REEL: 040074 FRAME: 0688

**RECORDED: 10/20/2016**