506477611 01/29/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6524387

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TETSUICHIRO KASAHARA	02/05/2018

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

Property Type	Number				
Application Number:	17162628				

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	OTI-027589 US DIV 1
NAME OF SUBMITTER:	CHRISTOPHER P. HARRIS
SIGNATURE:	/Christopher P. Harris/
DATE SIGNED:	01/29/2021

Total Attachments: 1

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PATENT 506477611 REEL: 055082 FRAME: 0575

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

for	which	I(we)	have	executed	l an	application	for	a	United	Stat	es
Lett	iers Pa	atent	on Fe	ebruary 5	, 20	18		(A	pplicat	ion	Serial
No.	15/9645	94	file	ed on	27 Ap	ril 2018)				

- 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) <u>Tetse</u>	ciclino Kas	ahara_	Date:	Februa	ry 5,2018
Name:	Tetsuichiro	KASAHARA		,	/
Witness:	Hoichi	JOYA	Date	Feb. 7.	20/8
		- J			

PATENT REEL: 055082 FRAME: 0576

RECORDED: 01/29/2021