

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SATOSHI MATSUZAWA | 10/18/2018 |
| RECEIVING PARTY DATA | |
| Name: | SHINKO ELECTRIC INDUSTRIES CO., LTD. |
| Street Address: | 80, OSHIMADA-MACHI |
| City: | NAGANO-SHI, NAGANO-KEN |
| State/Country: | JAPAN |
| Postal Code: | 381-2287 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16210050 |
| CORRESPONDENCE DATA | |
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| NAME OF SUBMITTER: | CHRISTOPHER P. HARRIS |
| SIGNATURE: | /CHRISTOPHER P. HARRIS/ |
| DATE SIGNED: | 12/05/2018 |
| Total Attachments: 1 | |
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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:

ELECTRONIC COMPONENT-INCORPORATING SUBSTRATE AND SHEET SUBSTRATE

for which I(we) have executed an application for a United States Letters Patent on October 18, 2018. (Application Serial No. 16210050 filed on 12/05/2018.)

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) Satoshi MATSUZAWA Date: Oct. 18, 2018
Name: Satoshi MATSUZAWA

Witness: Koichi Taya Date: Oct. 19, 2018