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FORM PTO-1595
(Rev. 6-93)



DEPARTMENT OF COMMERCE
Patent and Trademark Office
ET

8/25/06

103617012

Attorney Docket No.: 48370-0003

To the Commissioner for Patents **ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES**
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Takaharu YAMANO

Additional names of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):

Name: Shinko Electric Industries Co., Ltd.

Address: 80, Oshimada-machi, Nagano-shi,
Nagano 381-2287, Japan

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: August 17, 2006

Additional name(s) & address(es) attached?
 Yes No

4. New Application number(s) or patent number(s): **NEW APPLICATION**

If this document is being filed together with a new application the execution date of the application is:
11/509,684 August 17, 2006
A. Patent Application No.(s) B. Patent No.(s)
Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John G. Smith

Internal Address: DRINKER BIDDLE & REATH LLP
Customer No. 55694


Street Address: 1500 K. Street, NW., Suite 1100
City: Washington State: D.C. Zip: 20005-1209

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00
 Enclosed
 Authorized to be charged to Deposit Account 50-0573

8. Deposit Account No. 50-0573
(Attach duplicate page if paying by deposit account)

9. Statement and Signature
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John G. Smith, Reg. No. 33,818 
Name of Person Signing Signature August 25, 2006
Date
Total number of pages including cover sheet, attachments and documents: 2

08/28/2006 00000096 1 8021 \$40.00 08/25/2006 CK

ATTORNEY DOCKET NO.: -
SOLE/JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

METHOD OF MANUFACTURING WIRING BOARD

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on _____, (Serial No. _____); and

WHEREAS, **see below, a corporation of Japan _____, whose post office address is 80, Oshimada-machi, Nagano-shi, Nagano 381-2287, Japan, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

| | | |
|---|--|-------------------------|
| Full Name of Sole or First Assignor Takaharu YAMANO | Assignor's Signature <i>Takaharu Yamano</i> | Date August 17, 2006 |
| Address c/o SHINKO ELECTRIC INDUSTRIES CO., LTD., 80, Oshimada-machi, Nagano-shi, Nagano 381-2287, Japan | | Citizenship Japan |
| Full Name of Second Assignor | Assignor's Signature | Date |
| Address | | Citizenship |
| Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |

**SHINKO ELECTRIC INDUSTRIES CO., LTD.

PATENT