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RE

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To the Honorable Commissioner of Patents and Trademarks: **PLEASE** Record the **entire** original documents or copy thereof.

1. Name of conveying party(ies):
 (1) Hiroaki SATO (2) Masayoshi EBE

08-991182

2. Name and address of receiving party(ies):
 SHINKO ELECTRIC INDUSTRIES CO., LTD.
 1-1, Kamikodanaka 4-chome
 Nakahara-ku, Kawasaki-shi
 Kanagawa 211, JAPAN

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date(s): December 2, 1998

4. Application number(s) or patent number(s):

This document is being filed together with a new application:

- (a) The execution date(s) of the application is/are: December 2, 1998
 (b) The title is: METHOD FOR PRODUCING CIRCUIT BOARD FOR SEMICONDUCTOR PACKAGE
HAVING CAVITY FOR ACCOMMODATING SEMICONDUCTOR ELEMENT
 ... OR ...

This document is being filed after filing of the application:

- (a) Patent Application No(s). _____, filed _____; or
 (b) Patent No(s). _____, issued _____.

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

STAAS & HALSEY
 Attention: H. J. Staas
 700 Eleventh Street, N.W., Suite 500
 Washington, D.C. 20001

Our Docket: 300.1067/HJS

Total number of applications and patents involved: 1

Total fee (37 CFR 3.41)..... \$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account.

3. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
 (Attach duplicate copy of this page if paying by deposit account)

3. 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.

H. J. Staas, Reg. No. 22,010
 Name of Person Signing

Signature

December 16, 1997
 Date

Total number of pages comprising cover sheet, attachments, and document: 2

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

SHINKO ELECTRIC INDUSTRIES CO., LTD.

711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
Invention)

METHOD FOR PRODUCING CIRCUIT BOARD, FOR SEMICONDUCTOR PACKAGE,

HAVING CAVITY FOR ACCOMMODATING SEMICONDUCTOR ELEMENT

relating to International Patent Application PCT/JP _____ / _____ and/or for which application for Letters Patent of the United States was awaited on even date herewith or, if not so awaited, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____ :

(b) filed on _____
Serial No. _____ / _____ :

_____) is hereby authorized to insert in (b) the specified
date, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signature)

1) <u>Hiroaki Sato</u> (SIGNATURE)	Hiroaki Sato (TYPE NAME)	December 2, 1997 (DATE)
2) <u>Masayoshi Ebe</u> (SIGNATURE)	Masayoshi Ebe (TYPE NAME)	December 2, 1997 (DATE)
3) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
4) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
5) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
6) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
7) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

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