

09-23-2002

Docket No.: 239-02

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08A/REV03



SHEET

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Akihito Takano
Takahiro Iijima

09/16/02

Additional names(s) of conveying party(ies) Yes No

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

Name: Shinko Electric Industries, Co., Ltd.

Address: 711 Aza Shariden, Oaza Kurita, Nagano-shi

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: September 4, 2002

City: Nagano State/Prov.: _____

Country: Japan ZIP: 380-0921

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

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

10/244210

If this document is being filed together with a new application, the execution date of the application is: September 4, 2002

Patent Application No. _____ Filing date _____

B. Patent No.(s) _____

Additional numbers Yes No

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

Name: John F. McNulty, Esquire

Registration No. 23,028

Address: Paul & Paul

2900 Two Thousand Market Street

City: Philadelphia State/Prov.: PA

Country: USA ZIP: 19103

6. Total number of applications and patents involved: 1

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

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16-0750

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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 F. McNulty, Esquire

Name of Person Signing

John F. McNulty
Signature

September 16, 2002

Date

2

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

PATENT

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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

SHINKO ELECTRIC INDUSTRIES CO., LTD.

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

711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921, 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)

MULTILAYER CIRCUIT BOARD AND SEMICONDUCTOR DEVICE USING THE SAME

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

(Signatures)

1) Akihito Takano Akihito Takano September 4, 2002
(SIGNATURE) (TYPE NAME) (DATE)

2) Takahiro Iijima Takahiro Iijima September 4, 2002
(SIGNATURE) (TYPE NAME) (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)

8) _____
(SIGNATURE) (TYPE NAME) (DATE)