

08-29-2003

FORM PTO-1595

RECORI



U.S. DEPARTMENT OF COMMERCE

2001 Staas & Halsey LLP

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PATENTS ONLY

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

1. Name of conveying party(ies):

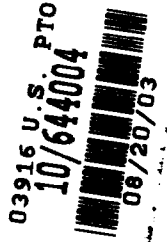
Motoaki TANI
Nobuyuki HAYASHI
Tomoyuki ABE
Yasuhito TAKAHASHI
Yoshiyasu SAEKI

4

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

FUJITSU LIMITED
1-1, Kamikodanaka, 4-chome
Nakahara-ku, Kawasaki-shi
Kanagawa 211-8588 Japan

8-20-03



3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Date(s): June 16, 19, 25 and July 8, 2003

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: June 16, 19, 25 and July 8, 2003

(b) The title is: WIRING BOARD WITH CORE LAYER CONTAINING INORGANIC FILLER
OR

This document is being filed after filing of the application:

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

10644004

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

STAAS & HALSEY LLP Our Docket: 1504.1023
Attention: H. J. Staas
1201 New York Ave., N.W., Suite 700
Washington, D.C. 20005

6. Total number of applications and patents involved: 1

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

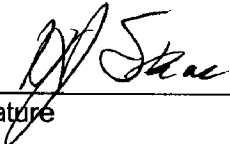
Enclosed
 Authorized to be charged to deposit account.

8. 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)

08/21/2003 EFLORES 00000021 10644004
02 FC:8021 40.00 DP

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.

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



Signature

August 20, 2003
Date

Total number of pages including cover sheet: 3

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U.S. ASSIGNMENT

S&H 1/00

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 Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU LIMITED
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 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)

WIRING BOARD WITH CORE LAYER CONTAINING INORGANIC FILLER

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

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____;

Serial No. _____ / _____;

Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) 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).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) <u>Motoaki Tani</u> Motoaki Tani	<u>June 16, 2003</u>	<u>Ikuyo Kanagawa</u> Ikuyo Kanagawa
2) <u>Nobuyuki Hayashi</u> Nobuyuki Hayashi	<u>June 16, 2003</u>	<u>Ikuyo Kanagawa</u> Ikuyo Kanagawa
3) <u>Tomoyuki Abe</u> Tomoyuki Abe	<u>June 19, 2003</u>	<u>Ikuyo Kanagawa</u> Ikuyo Kanagawa
4) <u>Yasuhito Takahashi</u> Yasuhito Takahashi	<u>July 8, 2003</u>	<u>Ikuyo Kanagawa</u> Ikuyo Kanagawa
5) <u>Yoshiyasu Saeki</u> Yoshiyasu Saeki	<u>June 25, 2003</u>	<u>Ikuyo Kanagawa</u> Ikuyo Kanagawa