

Client Code: UNIU39.001APC

8.317

AD58140

10-24-2001

09/914819

HEET

JCO3 Rec'd PCT/PTO

31 AUG 2001

TO THE ASSISTANT COMMISSIONER



101883328

inal documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Eiji Yoshimura 2. Toshiro Higuchi

Additional name(s) of conveying party(ies) attached?

( ) Yes (X) No

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

Name: DAIWA CO., LTD.

Address: 1-25, Shinmei-cho, 4-chome, Okaya-shi, Nagano 394-0004 Japan

Additional name(s) of receiving party(ies) attached?

( ) Yes (X) No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

09914819

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) Both dated August 7, 2001

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

Application(s) filed herewith  
Execution Date(s): August 7, 2001

Patent Application No.:  
Filing Date:

Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

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

Name: Daniel E. Altman  
 KNOBBE, MARTENS, OLSON & BEAR, LLP  
 Customer No. 20,995  
 Internal Address: Sixteenth Floor  
 Street Address: 620 Newport Center Drive  
 City: Newport Beach State: CA ZIP: 92660  
 Attorney's Docket No.: UNIU39.001APC

7. Total fee (37 CFR 1.21(h)): \$40

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Katsuhiro Arai  
Name of Person Signing

Signature

August 31, 2001  
Date

43,315  
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

09/07/2001 LLANDGRA 00000087 09914819  
04 FC:581 40.00 DP

U.S. Patent and Trademark Office  
Attn: Assignment Division  
Crystal Gateway-4  
1213 Jefferson Davis Highway, Suite 320  
Arlington, VA 22202

H:\DOCS\KOA\KOA-8450.DOC  
083101

**PATENT**  
**REEL: 12265 FRAME: 0353**

ASSIGNMENT

WHEREAS, I/WE (1) Eiji YOSHIMURA, a Japanese citizen,

residing at : C/O DAIWA CO., LTD., 1-25, Shinmei-cho, 4-chome, Okaya-shi, Nagano 394-0004 Japan

(2) Toshiro HIGUCHI, a Japanese citizen,

residing at : 3-4-26, Edahigashi, Tuzuki-ku, Yokohama-shi, Kanagawa 224-0006 Japan

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in,

**METHOD OF MANUFACTURING MULTILAYER WIRING BOARD**

the specification of which:

- (a)  is attached hereto; or
- (b)  was filed on \_\_\_\_\_ as Application  
No. \_\_\_\_\_ or Express Mail No., as Application No.  
not  
yet known \_\_\_\_\_ and was amended  
on \_\_\_\_\_ (if applicable); or
- (c)  was described and claimed in PCT International Application No.  
\_\_\_\_\_ PCT/JP00/01186 filed on \_\_\_\_\_ March 1, 2000  
and as amended under PCT Article 19 on \_\_\_\_\_  
(if any) and/or under PCT Article 34 on \_\_\_\_\_ (if any).

AND WHEREAS, DAIWA CO., LTD.,

with its principal place of business at 1-25, Shinmei-cho, 4-chome, Okaya-shi, Nagano 394-0004 Japan, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths

and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 7th day of August, 2001

*Eiji Yoshimura*

Signature of **Eiji YOSHIMURA**

This 7th day of August, 2001

*Toshiro Higuchi*

Signature of **Toshiro HIGUCHI**

09/914819

JC03 Rec'd PCT/PTO 31 AUG 2001

Daniel E. Altman  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
623 Newport Dr., 16th Floor  
Newport Beach, CA 92660

uniu39.001APC

2/2