

01-28-1999



FORM PTO-1595

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(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

PATENTS ONLY

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

1. Name of conveying party(ies):

Fu to Kawako

Additional name(s) attached? ☐ Yes ☒ No

2. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: December 25, 1998

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

Name: Mitsui Mining & Smelting Co., Ltd.

Internal Address:

Street Address: 1-1, Nihonbashi-Muromachi 2-chome

City: Tokyo

State: Chuo-ku

Country: Japan

Zip: 103-8338

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

3. Application number(s) or registration number(s):

09229225

If this document is being filed together with a new application, the filing date of the application is: January 12 1999

A. Patent Application No.

B. Patent No.

Additional numbers attached? ☐ Yes ☒ No

1-12-99

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

Name: Stephen G. Rudisill

Internal Address: Arnold White & Durkee

Street Address: P.O. Box 4433

City: Houston State: TX Zip: 77210

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

8. Deposit account number: 01-2508 (MMSM:018)

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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.

Harold N. Wells/Reg. No. 26,044

Date

Atty. Docket No.: MMSM:018

Total number of pages including cover sheet, attachments and document 2

01/22/1999 NGORDON 00000038 09229225 Mail documents to be recorded with required cover sheet information to:

02 FC:581

40.00

U.S. Patent and Trademark Office, Office of Public Records
Crystal Gateway 4, Room 335
Washington, D.C. 20231

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Mitsu Mining & Smelting Co., Ltd. (the "Assignee"), a corporation of Japan, having a place of business at 1-1, Nihonbashi-Muromachi 2-chome, ***the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled "~~METHOD FOR PRODUCING MULTI-LAYER PRINTED WIRING BOARDS HAVING BLIND VIAS~~" such application and all provisional, divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Date December 25, 1998


Name: Fujio KUWAKO

Date _____

Name: _____

Date _____

Name: _____

Date: _____

Name: _____

Date: _____

Name: _____

Date: _____

Name: _____

*** Chuo-ku, Tokyo 103-8338, Japan

ARNOLD WHITE & DURKEE

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