06-01-2006

Form PTO-1595 (Rev. 06/04)

1. Name of conveying party(ies)/Execution Date(s):

Merger

Change of Name

Kensuke NAKAMURA

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

Government Interest Assignment

A. Patent Application No.(s)

D.C.

40-00 DA

Executive Order 9424, Confirmatory License

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

2. Tetsuro SATO

Execution Date(s): 3/28/06

3. Name of Conveyance:

Security Agreement

attached? Yes X

x Assignment

Other

mailed:

Name: Address:

City:

State:

Email Address: Attorney Docket No.:

Signature.

Robert B. Murray

05 FC:8021

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the address(es) below.. Name and address of receiving party(ies): NAME: Mitsui Mining & Smelting Co., Ltd. ADDRESS: 11-1, Osaki 1-chome Shinagawa-ku, Tokyo 141-8584, Japan Additional name(s) & addresses(es) attached? Yes X No This document is being filed together with a new application B. Patent No.(s) Total number of applications and patents involved: Total fee (37 CFR 3.41): . . . . \$ \_\_ 40 Enclosed Authorized to be charged to deposit account None required (government interest not affecting title) Deposit account number: 02-2135 Authorized User Name Robert B. Murray, Jr.

PCT/JP2004/018355 05/30/2006 MKAYPAGH 00000066 022135 10580198 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be Rothwell, Figg, Ernst & Manbeck Suite 800 Street Address: 1425 K St., N.W. Washington, Zip: 20005 Telephone No.: 202/783-6040 Facsimile No.: 202/783-6031 3209-115 DO NOT USE THIS SPACE Total number of pages including cover sheet, attachments and documents: 2 Name of Person Signing PATENT REEL: 017930 FRAME: 0789

## 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:

Mitsui Mining & Smelting Co., Ltd. 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584, 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:

MULTI-LAYERD PRINTED WIRING BOARD AND MANUFACTURING METHOD THEREOF

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on December 9, 2004, PCT/JP2004/018355

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary or expedient.

ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

Kensuke NAKAMURA / / 2006 (SIGNATURE) (DATE)

<u>Metsuro</u> Sato 03/28/2006
(SIGNATURE) (DATE) Tetsuro SATO

NO LEGALIZATION REQUIRED

RECORDED: 05/23/2006

PATENT REEL: 017930 FRAME: 0790