

Form PTO-1595 (Rev. 06/04)

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To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the address(es) below..

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

- 1. Tetsuro SATO
- 2. Toshifumi MATSUSHIMA

Execution Date(s): 2/8/06

Additional name(s) of conveying party(ies) attached?
attached? Yes No

2. 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

3. Name of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

Additional name(s) & addresses(es) attached?
 Yes No

4. Application number(s) or patent number(s): This document is being filed together with a new application

A. Patent Application No.(s)

10/565,587

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name:
Address: Rothwell, Figg, Ernst & Manbeck
Suite 800
Street Address: 1425 K St., N.W.
City: Washington,
State: D.C. Zip: 20005
Telephone No.: 202/783-6040
Facsimile No.: 202/783-6031
Email Address:
Attorney Docket No. : 3209-111

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40

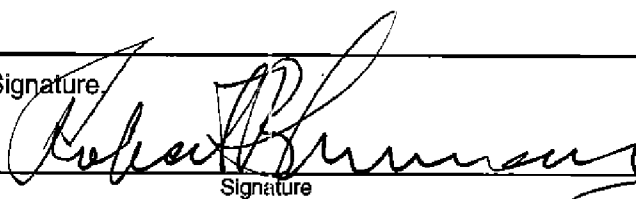
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- Authorized to be charged to deposit account
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8. Deposit account number: 02-2135

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Date

Robert B. Murray

Name of Person Signing

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CH \$40.00 022135 10565587

PATENT

ROTHWELL, FIGG, ERNST & MANBECK

Docket No: 3209-111

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 all of his right, title and interest to the invention entitled:

COPPER FOIL WITH ULTRA THIN ADHESIVE LAYER, AND A METHOD FOR MANUFACTURING THE COPPER FOIL WITH ULTRA THIN ADHESIVE LAYER

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

filed on July 15, 2004; Serial No. PCT/JP2004/010101

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.

Tetsuro SATO

T. Satoh
(SIGNATURE)

02/08/2006
(DATE)

Toshifumi MATSUSHIMA

Toshifumi Matsushima
(SIGNATURE)

02/08/2006
(DATE)

PATENT

NO LEGALIZATION REQUIRED

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