

10/149867

DT16 Rec'd PCT/PTO JUN 13 2002
FLH Ref. No.: 930055-2002

A/D 581.40

FORM PTO-1595
(Rev. 6-93)

08-29-2002

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner c



original documents or copy thereof.

1. Name of conveying party(ies) **102206466**
Shinya Furuki, Kiyoshi Yamagishi
Additional name(s) of conveying party(ies) attached?
 Yes No **06/13/02**

Name: **MITSUI MINING & SMELTING CO., LTD.**
Internal Address:

3. Nature of conveyance:
 Assignment
 Security Agreement
 Merger
 Change of Name
 Other

Street Address: **11-1, Osaki 1-chome,
Shinagawa-ku, Tokyo, Japan**
City: State: Zip:

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

Execution Date: **June 7, 2002**

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

If this document is being filed together with a new application, the execution date of the application is: **June 7, 2002**

A. Patent Application No.(s) B. Patent No.(s)

10/149867

Additional numbers attached? Yes No

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

Name: **Ronald R. Santucci**
Internal Address: **Frommer Lawrence & Haug LLP**
Street Address: **745 Fifth Avenue**
City: **New York State: New York Zip: 10151**

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41) \$ **40**
 Enclosed
 Authorized to be charged to deposit account #50-0320

8. Deposit account number: **50-0320**
(Attach duplicate copy of this page if paying by deposit account)

Do not use this space

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.

Ronald R. Santucci, Reg. No. 28,988

06/13/02

Name of Person Signing

Signature

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

06/21/2002 LLANDGRA 00000012 10149867

02 FC:581

40.00 DF

Do not detach this portion

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

INVENTION/PATENT APPLICATION ASSIGNMENT
FROM INVENTOR(S) TO COMPANY

WHEREAS I/WE **Shinya FURUKI** of **Saitama, Japan** , **Kiyoshi YAMAGISHI** of **Saitama, Japan**, of _____, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

THERMAL FLOWMETER WITH FLUID DISCRIMINANT FUNCTION

, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____;

AND WHEREAS, **MITSUI MINING & SMELTING CO., LTD.** a corporation of the State of **Japan** and having an address of **11-1, Osaki 1-chome, Shinagawa-ku, Tokyo, Japan** , hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or causes of action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date June 7, 2002

Date June 7, 2002

Date

Signature Shinya Furuki
Shinya Furuki

Signature Kiyoshi Yamagishi
Kiyoshi Yamagishi

Signature

Express Mail No. **EV001583311US**
PATENT

RECORDED: 06/13/2002

REEL: 013224 FRAME: 0281