

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

MIN-05-1013

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

1. Name of conveying party(ies):

- a) Tadasu Kirihara
- b) Nobuyuki Sato
- c) Osamu Ebato
- d) Kan Saito

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

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

JFE Mineral Company, LTD.
 1-2, Marunouchi 1-chome
 Chiyoda-ku, Tokyo 100-0005
 Japan

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

3. Nature of conveyance:

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

Execution Date: a) December 10, 2004; b) December 10, 2004;
c) December 10, 2004; d) December 10, 2004.

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:

A. Patent Application No.: 10/523,448 B. Patent No.(s)

Additional numbers attached? Yes No

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

IP Group of DLA Piper Rudnick Gray Cary US LLP
 One Liberty Place, Suite 4900
 1650 Market Street
 Philadelphia, PA 19103

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account No. 50-2719
(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

T. Daniel Christenbury



28 FEB 2005

Name of Person Signing

Signature

Date

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

PATENT

CH \$40.00 502719 10523448

Copy

ASSIGNMENT

WHEREAS, we, Tadasu Kirihara, Nobuyuki Sato, Osamu Ebato and Kan Saito, citizens of Japan, residing at c/o Research Laboratory of JFE MINERAL COMPANY, LTD., 1, Niihama-cho, Chuo-ku, Chiba-shi, Chiba 260-0826 Japan respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled NIObIUM ALLOY POWDER, ANODE FOR USE IN SOLID ELECTROLYTIC CAPACITOR, AND SOLID ELECTROLYTIC CAPACITOR for which on the date set forth below, unless otherwise indicated here, _____, the undersigned executed an application for United States Letters Patent,

WHEREAS, JFE MINERAL COMPANY, LTD., with offices at 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 Japan (hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on December 10, _____, 20 04 at Chiba, Japan

Tadasu Kirihara Tadasu Kirihara

Nobuyuki Sato Nobuyuki Sato

Osamu Ebato Osamu Ebato

Kan Saito Kan Saito

Witness