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

1. Name of conveying party(ies):

Koichi NUMATA and  
Hiromu SHINKAWA

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

3. Nature of conveyance:

Assignment  Merger

Change of Name  Other

Security Agreement

Execution Date: April 17, 2000

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

Name:  
MITSUI MINING AND SMELTING  
COMPANY, LTD.

Street Address:  
11-1, Osaki, 1-chome  
Shinagawa-ku  
Tokyo 141-8584 Japan

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

09581428

If this document is being filed together with a new application, the execution date of the application is: April 17, 2000

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached?  Yes  No

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

Customer No. 000466  
YOUNG & THOMPSON  
Second Floor  
1115 North 23rd Street  
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6. Total number of applications and patents involved:

One

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

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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.

Lauren Terry  
Name of Person Signing

*Lauren Terry*  
Signature

June 13, 2000  
Date

Total number of pages including cover sheet: [2]

**ASSIGNMENT**

WHEREAS, Koichi NUMATA, Hiromu SHINKAWA

have invented certain new and useful improvements in "PROCESS FOR PRODUCING LITHIUM MANGANATE"

for which we are about to make application for Letters Patent of the United States of America;

(I/we have made—or am/are about to make)

Patent of the United States of America;

AND WHEREAS, Mitsui Mining & Smelting Company, Ltd.

of 11-1, Osaki 1-chome, Shinagawa-ku, TOKYO 141-8584 JAPAN

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of

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Dollars (\$10.00)

to us in hand paid, the receipt of which is hereby acknowledged, we have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said Mitsui Mining & Smelting Company, Ltd.

\* the entire right, title, and interest in and to the said invention, as fully set forth and described in the:

Delete inapplicable wording

(a) specification prepared and executed by us on the 17th day of April, 2000,

(b) application filed on the day of , 19, Serial No.

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said Mitsui Mining & Smelting Company, Ltd.

for its own use and behoof, and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

IN TESTIMONY WHEREOF, we hereunto set our hands and affix seal at

Tokyo, Japan this 17th day of April, 2000, A.D. 2000

Telephone 703/521-2297  
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PATENT ENGINEERS & THOMPSON