



11-07-2002



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FORM PTO-1596
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50232-067

Resubm

To the Honorable Commissioner for Patents and Trademarks: please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):
Koji TANOUE, Yoshikazu OMOTO, Yoshiyuki SHOJI,
Masayuki NISHINA, Toshio UEDA
11-4-02
Additional name(s) of conveying party(ies) attached? Yes

2. Name and address of receiving party(ies):
Name: DOWA MINING CO., LTD.
Address: 8-2, Marunouchi 1-chome,
Chiyoda-ku,
Tokyo 100-8282 Japan
Additional name(s) & address(es) attached? Yes

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other Assignment was originally filed with application
on May 10, 2002. (Document ID No.
102179842)
Execution Date: March 29, 2002

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is:
A. Patent Application No(s).
10/129,726 filed May 10, 2002
[Signature]
Additional numbers attached? Yes

B. Patent No(s).

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: MCDERMOTT, WILL & EMERY
Internal Address:
Street Address: 600 13th Street, N.W
City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
500417

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.
Robert L. Price, 22,685 *Robert L. Price* November 4, 2002

Name and Registration No. of Person Signing Signature Date
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

08-06-2002



102179842
PATENTS ONLY

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ET

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A. Patent Application No(s).
B. Patent No(s).
Additional numbers attached? Yes

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$40.00
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Robert L. Price, 22,685  May 10, 2002

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Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned, (1) Koji TANOUE, (2) Yoshikazu OMOTO, (3) Yoshiyuki SHOJI, (4) Masayuki NISHINA, (5) Toshio UEDA

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

DOWA MINING CO., LTD.

8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

CATHODE ACTIVE MATERIAL FOR ALKALINE ELECTROCHEMICAL CELL

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

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE:

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

INVENTOR

DATE SIGNED

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Name: koji TANOUE

March 29, 2002

Yoshikazu Omoto
Name: Yoshikazu OMOTO

March 29, 2002

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March 29, 2002