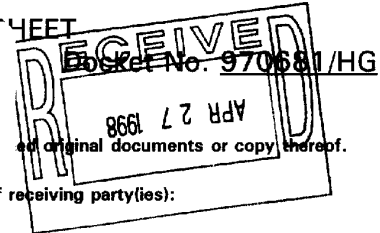


RECC

05-12-1998



100708670



To the Honorable Commissioner of Patents

1. Name of conveying party(ies):

Katsuaki OKABE
Tsuyoshi NISHIMURA
Shinji SATO
Kohichiro ESHIMA
Kouki TOISHI
Choju NAGATA

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

DOWA MINING CO., LTD.
8-2, Marunouchi 1-chome
Chiyoda-ku, Tokyo, Japan

3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): February 16, 1998, February 16, 1998, February 6, 1998,

February 17, 1998, February 17, 1998, February 17, 1998,
respectively.

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 as follows:

_____, _____, _____,
_____, _____, _____, respectively.

A. Patent Application No. (s)

08/966,936

B. Patent No.(s)

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

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.
767 Third Avenue, 25th Floor
New York, New York 10017-2023

6. Total number of applications and patents involved: 1

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

[] Amount included with filing fee attached hereto.

[X] Check enclosed.

8. To the extent not tendered by check, authorization is given to charge the Assignment Fee (37 CFR.341) to Account No. 06-1378.

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

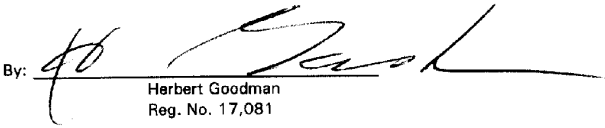
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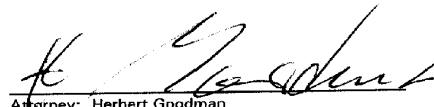
Dated: April 24, 1998

By:


Herbert Goodman
Reg. No. 17,081

CERTIFICATE OF MAILING

I hereby certify this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to:
Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the date noted below.


Attorney: Herbert Goodman

Dated: April 24, 1998

PATENT

REEL: 9153 FRAME: 0952

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

**STARTING POWDERS FOR ITO PRODUCTION, ITO SINTERS AND
PROCESSES FOR PRODUCING SUCH STARTING POWDERS AND ITO SINTERS**

sell and assign to DOWA MINING CO., LTD.

a corporation of Japan

having a business address at 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent SN 08/966,936 filed November 10, 1997;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO.:

FILING DATE:

Frishauf, Holtz, Goodman, Langer & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

INVENTOR: SIGNATURE**DATE****ADDRESS**

Sign: <i>Katsuaki Okabe</i>	Date: <i>Feb. 16, 1998</i>	Address: c/o DOWA MINING CO., LTD. 8-2, Marunouchi 1-chome Chiyoda-ku, Tokyo, Japan
Type: Katsuaki OKABE	Witness: <i>M. Haruko</i>	
Sign: <i>Tsuyoshi Nishimura</i>	Date: <i>Feb. 16, 1998</i> <i>T. Nishimura</i>	Address: c/o DOWA MINING CO., LTD. 8-2, Marunouchi 1-chome Chiyoda-ku, Tokyo, Japan
Type: Tsuyoshi NISHIMURA	Witness: <i>M. Haruko</i>	
Sign: <i>Shinji Sato</i>	Date: <i>Feb. 6, 1998</i>	Address: c/o DOWA MINING CO., LTD. 8-2, Marunouchi 1-chome Chiyoda-ku, Tokyo, Japan
Type: Shinji SATO	Witness: <i>M. Haruko</i>	

NOTES: MUST BE DATED.

WITNESS DESIRABLE.

LEGALIZATION NOT REQUIRED.

RECORDING OFFICER:

After recording, please return to:

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.

767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023

Tel. No.: (212) 319-4900

Fax No.: (212) 319-5101

REEL: 9153 FRAME: 0953

ASSIGNMENT

INVENTOR:SIGNATURE	DATE	ADDRESS
Sign: <i>Kohichiro Eshima</i>	Date: <i>Feb. 17, 1998</i>	Address: c/o DOWA MINING CO., LTD. 8-2, Marunouchi 1-chome Chiyoda-ku, Tokyo, Japan
Type: Kohichiro ESHIMA	Witness: <i>J. Harada</i>	
Sign: <i>Kouki Toishi</i>	Date: <i>Feb. 17, 1998</i>	Address: c/o DOWAMINING CO., LTD. 8-2, Marunouchi 1-chome Chiyoda-ku, Tokyo, Japan
Type: Kouki TOISHI	Witness: <i>J. Harada</i>	
Sign: <i>Choju Nagata</i>	Date: <i>Feb., 17, '98</i>	Address: c/o DOWA MINING CO., LTD. 8-2, Marunouchi 1-chome Chiyoda-ku, Tokyo, Japan
Type: Choju NAGATA	Witness: <i>J. Harada</i>	
Sign:	Date:	Address:
Type:	Witness:	
Sign:	Date:	Address:
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Type:	Witness:	

PATENT

RECORDED: 04/27/1998

REEL: 9153 FRAME: 0954