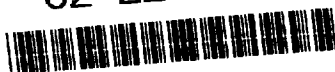


MRD 01 - 27-00

02-22-2000



101271895

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

1. Name of conveying party(ies):

Akira SUGAWARA  
Yoshitake HANA  
Takayoshi ENDO

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

- (1) DOWA MINING CO., LTD.  
8-2, Marunouchi 1-chome, Chiyoda-ku,  
Tokyo, Japan
- (2) YAZAKI CORPORATION  
4-28, Mita 1-chome, Minato-ku,  
Tokyo, Japan



3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): January 18, 2000, January 18, 2000, January 24, 2000,

respectively.

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

09/493997

If this document is being filed together with a new application, the execution date of the application is as follows:

January 18, 2000, January 18, 2000, January 24, 2000,

respectively.

A. Patent Application No. (s)

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 original document.

02/22/2000 DNGUYEN 00000040 09493997

01 FC:581

40.00 OP

Dated: January 27, 2000

By

HERBERT GOODMAN  
Reg. No. 17,081

Express Mail" Mailing Label No. EL 425 832 368 US

Date of Deposit: January 27, 2000

I hereby certify that this paper and enclosed application and fee are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Lori Valdes

**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:

WEAR RESISTANT COPPER OR COPPER BASE ALLOY,

METHOD OF PREPARING THE SAME AND ELECTRICAL PART USING THE SAME

sell and assign to DOWA MINING CO., LTD. and YAZAKI CORPORATION

a corporation of Japan

having a business address at 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan  
and 4-28, Mita 1-chome, Minato-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 executed concurrently herewith;

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>Akira Sugawara</i>	Date: January 18, 2000	Address: 2218-1, Kamikanzo, Toyooka-mura, Iwata-gun, Shizuoka, Japan
Type: Akira SUGAWARA	Witness: <i>M. Marucka</i>	
Sign: <i>Yoshitake Hana</i>	Date: January 18, 2000	Address: 2218-1, Kamikanzo, Toyooka-mura, Iwata-gun, Shizuoka, Japan
Type: Yoshitake HANA	Witness: <i>M. Marucka</i>	
Sign: <i>Takayoshi Endo</i>	Date: January 24, 2000	Address: 206-1, Nunohikihara, Haibara-cho, Haibara-gun, Shizuoka, Japan
Type: Takayoshi ENDO	Witness: <i>M. Marucka</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

RECORDED: 01/27/2000

PATENT  
REEL: 010555 FRAME: 0235