

1-2099  
ASSIGNMENT RECORDATION

02-02-1999

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To the Honorable Commissioner of Patents  
Please record the attached original document.

1. Name of conveying party(ies):

Takayuki Kawano  
Kaneyasu Ishikawa  
Nobuhiko Nishimura  
Iwami Ishihara  
Mitsushige Kumou

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

Mitsubishi Heavy Industries, Ltd.  
5-1, Marunouchi 2-chome  
Chiyoda-ku  
Tokyo, JAPAN

Nippon Welding Rod Co., Ltd.  
13-8, Ginza 1-chome  
Chuo-ku  
Tokyo, JAPAN

JCS49 U.S. PTO  
09/234184  
01/20/99

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

3. Nature of conveyance:

☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other

Execution Date: 1 December 1998

Additional name(s) & address(es) attached? Yes ☒ No

4. Application Serial No. Patent No.

If this document is being filed together with a new application, the execution date of the application is: January 20, 1999

Additional numbers attached? Yes ☒ No

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

Kenneth D. Sibley, Esq.  
Myers Bigel Sibley & Sajovec  
P. O. Box 37428  
Raleigh NC 27627

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 number: 50-0220

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9. Statement and signature

02 FC:581  
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.

Kenneth D. Sibley, Reg. #31,665

Name of Person Signing

Signature

Date

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

# ASSIGNMENT

10-1176

## WHEREAS:

Takayuki KAWANO, Kaneyasu ISHIKAWA, Nobuhiko NISHIMURA, Iwami ISHIHARA and Mitsushige KUMOU, their addresses are as per attached sheet (hereinafter referred to as ASSIGNORS), have invented and own a certain invention entitled:

### WELDING MATERIALS FOR HIGH-Cr STEELS

for which application for United States Letters Patent identified as \_\_\_\_\_  
\_\_\_\_\_ has been executed on the \_\_\_\_\_ 1st  
day of \_\_\_\_\_ December \_\_\_\_\_, 19 98 \_\_\_\_\_, and,

## WHEREAS:

MITSUBISHI HEAVY INDUSTRIES, LTD. of 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan and NIPPON WELDING ROD CO., LTD. of 13-8, Ginza 1-chome, Tokyo, Japan (hereinafter referred to as "ASSIGNEES"), have equitable rights in and to this invention and desire to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to said ASSIGNEE.

IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal this \_\_\_\_\_ 1st day of  
December, 1998 \_\_\_\_\_

## Witnesses:

Mutsyo Zama

Kanako Tachikawa

## ASSIGNORS:

Takayuki Kawano.  
Takayuki KAWANO

Kaneyasu Ishikawa.  
Kaneyasu ISHIKAWA

Nobuhiko Nishimura  
Nobuhiko NISHIMURA

Iwami Ishihara  
Iwami ISHIHARA

Mitsushige Kumou  
Mitsushige KUMOU

## LIST OF ASSIGNORS

### Name

### Address

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- ditto -

Nobuhiko NISHIMURA

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Mitsushige KUMOU

- ditto -