

11-24-2000

U.S. DEPARTMENT OF COMMERCE

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Attorney's Docket No. 011900-304

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

## 1. Name of conveying party(ies):

Nobuyoshi KOMAI, Fujimitsu MASUYAMA,  
Tomomitsu YOKOYAMA, Hiroyuki HIRATA, Kaori  
KAWANO and Takao KANAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name

Other: \_\_\_\_\_

Execution Date: 10/25/00 (for all)

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

Name: SUMITOMO METAL INDUSTRIES, LTD.

Address: 5-33 Kitahama, 4-chome

Chuo-ku, Osaka-shi, Osaka Japan

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

## 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: \_\_\_\_\_

A. Patent Application No.(s)

09/641,683

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Platon N. Mandros

Address: BURNS, DOANE, SWECKER &amp; MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

## 6. Total number of applications and patents involved: ONE

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

☒ Enclosed☒ Authorized to be charged to deposit account, if necessary

## 8. Deposit account number:

02-4800

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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.

Peter K. Skiff  
Name of Person Signing

Signature

November 15, 2000  
Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

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PATENT  
REEL: 011257 FRAME: 0123

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

Name: MITSUBISHI HEAVY INDUSTRIES,  
LTD.

Address:  
5-1, Marunouchi 2-chome  
Chiyoda-ku, Tokyo Japan

Additional name(s) & address(es) attached?

☐ Yes ☒ No

# ASSIGNMENT

In consideration of the premises and other good and valuable consideration paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Nobuyoshi KOMAI</u>	(4) <u>Hiroyuki HIRATA</u>
(2) <u>Fujimitsu MASUYAMA</u>	(5) <u>Kaori KAWANO</u>
(3) <u>Tomomitsu YOKOYAMA</u>	(6) <u>Takao KAN</u>

who have made a certain new and useful invention, hereby sell, assign, and transfer unto

SUMITOMO METAL INDUSTRIES, LTD. of 5-33 Kitahama, 4-chome, Chuo-ku, Osaka-shi,  
Osaka, Japan and MITSUBISHI HEAVY INDUSTRIES, LTD. of 5-1, Marunouchi 2-chome,  
Chiyoda-ku, Tokyo, 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

HIGH STRENGTH, LOW ALLOY, HEAT RESISTANT STEEL

(a) for which an application for United States Letters Patent was filed on August 1, 1998 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 authorize and request 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, substitutes, renewals, 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 agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, substitute, renewed, continuation, continuation-in-part, 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.

I(We) hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document; BURNS, DOANE, SWECKER & MATHIS, L.L.P. of P.O. Box 1404, Alexandria, VA 22313-1404.

SIGNED on the date(s) indicated aside my(our) signature(s):

## INVENTORS

## DATE SIGNED

1) Nobuyoshi Komai  
Name: Nobuyoshi KOMAI

October 25, 2000

2) F. Masuyama  
Name: Fujimitsu MASUYAMA

October 25, 2000

INVENTORSDATE SIGNED3) Tomomitsu Yokoyama.

Name: Tomomitsu YOKOYAMA

October 25, 20004) Hiroyuki Hirata

Name: Hiroyuki HIRATA

October 25, 20005) Kaori Kawano

Name: Kaori KAWANO

October 25, 20006) Takao Kan

Name: Takao KAN

October 25, 2000