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To the Honorable Commissioner of Patents and Trademarks. Ple	ease record the attached original documents or copy thereof
J. Name of Conveying Party(ies): 5-3-02 Hiroki UEDA, Koji FUKUMOTO, Toshimitsu FANAKA, Akio SUGIMOTO, Akibumi FUJIWARA and Kazuhisa FUJISAWA Additional names of conveying parties attached 3. Nature of Conveyance: Image: Assignment for the security Agreement	 Name and Address of Receiving Party(ies): Name: Kabushiki Kaisha Kobe Seiko Sho Address: 10-26, Wakinohama-cho 2-chome City: Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan
 (a) Patent Application Number(s): If this document is being filed together with a new application, the execution date of the application is: April 25, 2002 Additional Numbers Attached. 	4. (b) Patent Numbers: 10, 13740
 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher Address: Reed Smith LLP 3100 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 	 6. Total Number of Applications and Patents Involved: 1 7. Total Fee: \$40.00 (37 C.F.R. § 3.41) ⊠ Enclosed. ⊠ Authorized to be charged to deposit account.
	8. Deposit Account Number: 08-1480 Attach duplicate copy of this page if paying by deposit account
DO NOT USE THIS SPACE 9. Statement and Signature: To the best of my knowledge and belief, the foregoing is tru original document.	we and correct and any attached copy is a true copy of the May 3, 2002
Stanley P. Fisher, Registration No. 24, 344 Total number of pages comprising cover sheet: 1 IUA	N CARLOS A. MARQUEZ egistration No. 34,072

PATENT REEL: 012859 FRAME: 0364

ASSIGNMENT OF APPLICANT

WHEREAS I (WE) Hiroki UEDA, Koji FUKUMOTO, Toshimitsu TANAKA, Akio SUGIMOTO Akibumi FUJIWARA and Kazuhisa FUJISAWA of c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd.5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan, respectively, have invented certain new and useful improvements in:

PANEL

for which an application for Letters Patent was executed on April 25,2002 (Application No.

WHEREAS, Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) having a place of business at: 10-26, Wakinohama-cho 2chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan, (hereinafter referred to as "ASSIGNEE") is/are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of REED SMITH HAZEL & THOMAS 3110 Fairview Park Drive Suite 1400 falls Church, Virginia 22042 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT REEL: 012859 FRAME: 0365

EXECUTED AT : Hyogo, Japan

Date April 25, 2002

April 25, 2002 Date

April 25, 2002 Date

<u>April 25, 2002</u> Date

April 25, 2002 Date

April 25, 2002 Date

Koji Fikumoto Koji Fikumoto Koji FUKUMOTO

alio Sugimoto

a. Jujiwara

Kazuhisa Fujisawa