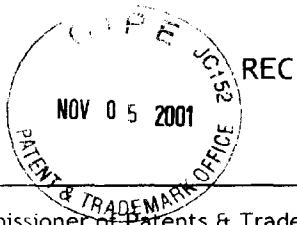


11-08-2001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

11/5/01



101893954

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

1. Name of conveying party(ies):

Kawasaki Steel CorporationAdditional name(s) of conveying party(ies) attached? [] Yes ☒ No

3. Nature of conveyance:

☒ Assignment [] Merger

[] Change of Name [] Other

[] Security Agreement

Execution Date: **October 4, 2001**

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

Name:

50% Dai Nippon Toryo Co., Ltd.

Street Address:

6-1-124, Nishikujo**Konohana-ku****Osaka, Japan**

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

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

A. Patent Application No(s).

09/868,711

B. Patent No(s).

Additional numbers attached? [] Yes ☒ No

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

Customer No. 000466
YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41).....\$ **40**

[] Enclosed

☒ Authorized to be charged to
deposit account8. Deposit Account No. **25-0120**

(Attach duplicate copy of this page if paying by deposit account.)

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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.*Margot Ruff

Name of Person Signing

Margot Ruff
SignatureNovember 5, 2001

Date

Total number of pages including cover sheet: **[4]**

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01 FC:561

40.00 CH

PATENT
REEL: 012297 FRAME: 0664

ASSIGNMENT

WHEREAS, Kawasaki Steel Corporation is the owner of the entire right, title and interest, by virtue of an assignment recorded on June 21, 2001, on Reel 012003, frames 0035-0036 in and to United States Patent Application Serial No. 09/868,711, filed June 21, 2001;

AND WHEREAS, Dai Nippon Toryo Co., Ltd., located and doing business at 6-1-124, Nishikujo, Konohana-ku, Osaka, Japan, is desirous of acquiring 50 % of Kawasaki Steel Corporation's interest therein;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of Ten Dollars (\$10.00) to Dai Nippon Toryo Co., Ltd. in hand paid, the receipt of which is hereby acknowledged, Kawasaki Steel Corporation has assigned, sold, and set over, and by these presents does hereby assign, sell and set over unto the said Dai Nippon Toryo Co., Ltd. 50 % of the right to the said invention in the United States and 50 % of the right, title and interest in and to any and all patents which may be granted therefor in the United States, for its use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by Kawasaki Steel Corporation had this assignment and sale not been made.

Kawasaki Steel Corporation hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said United States patents to said assignee.

Kawasaki Steel Corporation
By  **Yoshifumi Nakano**
General Manager
Intellectual Property Dept.
Kawasaki Steel Corporation
Title _____

Date October 4, 2001