

03-31-1999

ER SHEET

Docket Nos. 890870/LH  
890175/HG  
890403C/HG

100996159

PATENTS ONLY

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

## 1. Name of conveying party:

TOA STEEL CO., LTD.

## 2. Name and address of receiving party:

NKK BARS & SHAPES CO., LTD.  
2-11, Kandinishiki-cho, Chiyoda-ku,  
Tokyo, Japan

## 3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): March 3, 1999, \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_, respectively.

## 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 as follows:

\_\_\_\_\_, respectively.

A. Patent Application No. (s)

B. Patent No.(s)

5,052,124  
5,125,987  
5,146,759

## 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 10017-20236. Total number of applications and patents involved: 37. Total fee (37 CFR 3.41): \$ 120.00

[ ] 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.

03/31/1999 DNGUYEN 00000035 5052124

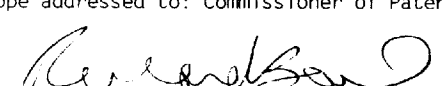
01 FC:581

(120.00 OP)

Dated: March 18, 1999By: RICHARD S. BARTH  
Reg. No. 28,180

## CERTIFICATE OF MAILING

I hereby certify this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the date noted below.

  
Attorney: Richard S. BarthDated: March 18, 1999

ASSIGNMENT

Whereas Toa Steel Co., Ltd. (referred to hereinafter as the "Assignor"), a Corporation organized under the laws of Japan and having a place of business in Tokyo, Japan, is the owner of the entire right, title and interest in and to USP5,052,124, issued October 1, 1991, USP 5,125,987, issued June 30, 1992 and USP 5,146,759, issued September 15, 1992 (hereinafter referred to collectively as "U.S. Patents"), and the inventions described and claimed therein, by virtue of Assignments recorded on February 12, 1990 at Reel 5232, Frame 317 for USP5,052,124; on September 30, 1991 at Reel 5858, Frame 222 for USP 5,125,987; and on December 4, 1989 at Reel 5224, Frame 739 for USP 5,146,759;

Whereas NKK Bars & Shapes Co., Ltd., a Corporation organized under the laws of Japan and having a place of business in Tokyo, Japan, is desirous of acquiring the entire right, title and interest in and to said U.S. Patents and said inventions;

For good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor hereby sells, transfers and sets over to said Assignee, said U.S. Patents and said inventions, the same to be held and enjoyed by said Assignee, for its own use and enjoyment and the use and enjoyment of its successors, assigns or other legal representatives, to the end of the respective terms for which each of said U.S. Patents is granted or reissued, as fully and entirely as the same would have been held and enjoyed by said Assignor, if this Assignment and sale had not been made, together with all claims for damages by reason of past infringement of said U.S. Patents, with the right to sue for and collect same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, and

Assignor hereby agrees that on request, Assignor will communicate to said Assignee or its representatives, successors or assigns all facts known to it respecting said U.S. Patents and said inventions and cooperate in any legal proceeding, and generally do everything possible to aid in enforcing proper patent rights in said U.S. Patents and said inventions.

IN WITNESS WHEREOF Assignor has caused the signature of its proper officer to be subscribed hereto the date set forth below.

Assignor: TOA STEEL CO., LTD.

Date: March 3, 1999

By: Hideki Sato  
Name: Hideki SATO

Corporate Title: General Manager of  
Technology Center