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

1. Name of conveying party(ies):

Takeki SHIRAI, Shigeru EBINA and Ryuji TAKEDA

Additional name(s) of conveying party(ies) attached? [] Yes (X) No

3. Nature of conveyance:

(X) Assignment

[] Merger

[] Security Agreement

[] Change of Name

[] Other

Execution Dates: June 7, 1999

Name and address of receiving party(ies):

Name:

THK CO., LTD.

Street Address:

No. 11-6 Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo-to, Japan

4. Application number(s) or patent (numbers): If this document is being filed together with a new application, the execution dates of the application is: June 7, 1999

A. Patent Application No(s).

09/332110

B. Patent No(s).

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

YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, VA 22202

Additional numbers attached? [] Yes [X] No

Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)......\$ 40 [X] Enclosed Il Authorized to be charged to deposit account

8. Deposit Account No. 25-0120 (Attach duplicate copy of this page if paying by deposit account)

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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.

Mary Shelton Name of Person Signing

Total number of pages including cover sheet: [2]

24/1999 PALLEN 00000074 09332110

PATENT REEL: 010049 FRAME: 0863

ASSIGNMENT

FOR ONE DOLLAR (\$1.00) and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I (We), Takeki SHIRAI, Shigeru EBINA and Ryuji TAKEDA

being the inventor(s) of certain improvements in BALL SCREW

hereby assign unto THK CO., LTD.

RECORDED: 06/14/1999

having a principal place of business at
No. 11-6 Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo-to, Japan
our entire right, title and interest in and to such
invention, together with the patent rights and rights of
protection to the same throughout the world, including any
patent rights which may result from the application for
United States Letters Patent in and to any and all divisions,
reissues, continuations and extensions thereof and in and to
any Letters Patent that may be granted thereon; said
invention, application and Letters Patent that may be granted
thereon; said invention, application and Letters Patent to be
held and enjoyed by the said assignee for its own use and
behoof and for the use and behoof of its successors and
assigns, to the full end of the term from which said Letters
patent or other rights of protection may be granted, as fully
and as entirely as the same would have been held and enjoyed
by us had this assignment and sale not been made.

WE COVENANT, AGREE AND WARRANT that we have a full and unencumbered title to the invention hereby assigned, and we further covenant and agree that we will, at any time upon request, without further compensation, execute and deliver any and all papers or instruments that in the opinion of the assignee may be necessary or desirable to secure said assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed.

IN WITNESS WHEREOF, we have hereunto set out hand and seal this 7th day of June $\,$, 1999 .

| Date: June 7, 1999 Takeki Shiral | Date: June 7, 1999 Shigeru Ebina |
|-----------------------------------|-----------------------------------|
| Date: June 7, 1999 Ryuji Takeda | Date: |
| Date: | Date: |
| | |

PATENT REEL: 010049 FRAME: 0864