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

1. Name of conveying party(ies):
Mitsuru YAMAZAKI, Satoshi IWATA and Hirokazu IRIE

yes XX - no

2. Name and address of receiving party(ies)?
Nippon Bearing Co., Ltd.
2833, Oaza-Chiya-Ko. Ojiya-shi
Niigata-ken, JAPAN AND

Kuroda Precision Industry Ltd.
No. 239, Shimohirama, Saiwai-ku
Kawasaki-shi, Kanagawa-ken, JAPAN

15542 U.S. PTO
29/114896
12/03/99

3. Nature of Conveyance:
X Assignment Merger
 Security Agreement Change of Names
 Other

Additional name(s) & address(es) attached?
 yes no

Execution Date: November 04, 1999

4. Application number(s) or patent number(s): Attorney Docket # Q-55752
If this document is being filed together with a new application, the execution date of the application is November 4, 1999

A. Patent Application No.(s)

29114896

B. Patent No.

Additional attached?

Yes No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
X Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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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.

Robert V. Sloan

Reg. No. 22,775

December 03, 1999

Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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PATENT
REEL: 010418 FRAME: 0647

Assignment

Whereas, ~~I/We~~, Mitsuru YAMAZAKI and Satoshi IWATA of
c/o Nippon Bearing Co., Ltd. No. 2833, Oaza-Chiya-Ko,
Ojiya-shi, Niigata-ken, Japan; and
Hirokazu IRIE of c/o Kuroda Precision Industry Ltd. Futsu-factory,
No. 239, Chigusa-shinden, Futsu-shi, Chiba-ken, Japan
hereinafter called assignor(s), have invented certain improvements in
MONO-AXIS SLIDER

and executed an application for Letters Patent of the United States of America therefor on
November 4, 19 99 ; and

Whereas, Nippon Bearing Co., Ltd.
No. 2833, Oaza-Chiya-Ko, Ojiya-shi, Niigata-ken, Japan
Kuroda Precision Industry Ltd.
No. 239, Shimohirama, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its
successors and assigns, the entire right, title and interest in the application and the invention disclosed
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth
in the application to the assignee, its successors and assigns; and I/we will execute without further
consideration all papers deemed necessary by the assignee in connection with the United States application
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: Nov. 4, 1999 s/ MITSURU YAMAZAKI
Mitsuru YAMAZAKI

Date: Nov. 4, 1999 s/ Satoshi Iwata
Satoshi IWATA

Date: Nov. 4, 1999 s/ Hirokazu Irie
Hirokazu IRIE

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)