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1. Name of conveying party(ies):  
Koichi OKADA  
  
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2. Name and address of receiving party(ies):  
NTN CORPORATION  
3-17, Kyomachibori 1-chome,  
Nishi-ku, Osaka-shi,  
OSAKA 550-0003  
JAPAN  
  
Additional name(s) & address(es) attached?  Yes  No

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3. Nature of conveyance:  
 Assignment  Merger  
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Execution Date: December 6, 2002

4. Application number(s) or patent number(s): 10/31744  
If this document is being filed together with a new application, the execution date of the application is: December 6, 2002  
A. Patent Application No.(s)  
Not yet assigned

B. Patent No.(s)  
Not yet assigned  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
WASHINGTON OFFICE  
  
23373  
PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved:  
1  
7. Total fee (37 CFR 3.41): \$40.00  
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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.*  
  
Brian W. Hannon Reg. No. 32,778  
December 12, 2002 Date

Total number of pages including cover sheet, attachments, and documents: 2  
Mail documents to be recorded with required cover sheet information to:  
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# Assignment

Whereas, I/We, Koichi OKADA of  
SHIZUOKA, JAPAN  
hereinafter called assignor(s), have invented certain improvements in  
Vehicle Mounted Bearing Assembly

and executed an application for Letters Patent of the United States of America therefor on  
December 6, 2002; and

Whereas, NTN CORPORATION  
of 3-17, Kyomachibori  
1-chome, Nishi-ku, Osaka-shi,  
OSAKA 550-0003 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 Director -- U.S. Patent and Trademark Office 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: Dec. 6, 2002 Koichi Okada  
s/

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

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