

05-16-2006



HDP Docket No. 6340-000073  
Express Mail Label No. EV 853 856 281 US  
(5/10/2006)

To the Director of the U.S. Patents and

103238051

Documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Kazuhisa Shigeoka

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

Name: NTN Corporation

Internal Address: \_\_\_\_\_

Street Address: 3-17, 1-chome, Kyomachibori, Nishi-ku

City: Osaka

State: \_\_\_\_\_

Country: Japan

Zip: \_\_\_\_\_

Additional Name(s) & address(es) attached?  Yes  No

Execution Date(s) April 20, 2006

Additional name of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

05/12/2006 HMARZ11 00000065 11431222

04 FC:8021

40.00 DP

Additional numbers attached?  Yes  No

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

Name: W. R. Duke Taylor

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills

State: MI Zip: 48303

Phone Number : 248-641-1600

Fax Number: 248-641-0270

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**  One

**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 08-0750

Authorized User Name \_\_\_\_\_

**9. Signature :**

May 10, 2006

W. R. Duke Taylor

Signature

Date

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT**  
**REEL: 017863 FRAME: 0179**

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113238 U.S. PTO  
11/431222



051006

# ASSIGNMENT

Atty. Docket No.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

## BEARING APPARATUS FOR A WHEEL OF VEHICLE

for which Assignor is about to make or has made United States or International application for patent

- (a)  executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b)  executed on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_;
- (c)  filed on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_ or PCT International Application No. \_\_\_\_\_;
- (d)  U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_; or
- (e)  entitled above and naming the undersigned inventors in this provisional patent application; and

WHEREAS, NTN Corporation, a Japanese corporation, having a place of business at 3-17, 1-chome, Kyomachibori, Nishi-ku, Osaka, Japan, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes my attorney to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

**ASSIGNMENT**

Kazuhisa Shigeoka

Kazuhisa Shigeoka

April, 20, 2006

Dated

**RECORDATION FORM COVER SHEET**

**PATENTS ONLY**

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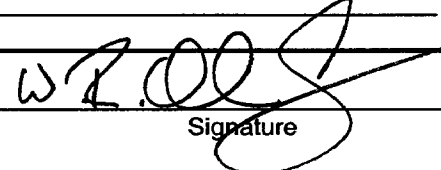
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