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original documents or copy thereof.

To the Honorable Commissioner of Pat.

102407826

PTO  
29/178280

03/24/03

1. Name of conveying party(ies):  
Manuel Barbosa  
Sean C. Barrett  
Philip N. Jedele  
**3.24.03**  
Additional name of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: Akebono Corporation (North America)  
Internal Address: \_\_\_\_\_

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: March 21, 2003

Street Address: 34385 W. Twelve Mile Road  
City: Farmington Hills State: MI Zip: 48331  
Additional Name(s) & address(es) attached?  Yes  No

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: March 21, 2003  
A. Patent Application No.(s)  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

**29178280**

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

6. Total number of applications and patents involved: One  
7. Total fee (37 CFR 3.41) . . . . . \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

DO NOT USE THIS SPACE

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.*  
W. R. Duke Taylor March 24, 2003  
Name of Person Signing Signature Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

03/28/2003 MBELETE1 00000071 29178280

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# ASSIGNMENT

Atty. Docket No. 2448-000006

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

## BRAKE CALIPER

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, Akebono Corporation (North America), having a place of business at 34385 W. Twelve Mile Road, Farmington Hills, Michigan 48331, 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

*Manuel Barbosa*

Manuel Barbosa

*W.R. O'Leary*

Witness

*Sean C. Barrett*

Witness

*March 21, 2003*

Dated

*Sean C. Barrett*

Sean C. Barrett

*Philip N. Jedele*

Witness

*March 21, 2003*

Dated

*W.R. O'Leary*

Witness

*Philip N. Jedele*

Philip N. Jedele

*Sean C. Barrett*

Witness

*3/21/03*

Dated

*W.R. O'Leary*

Witness