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RECORDATION

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U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office  
HDP Docket No. 1754-000001  
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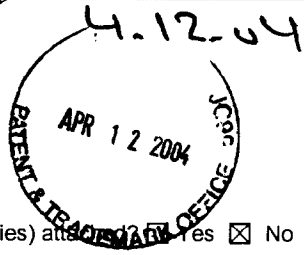
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To the Honorable Commissioner of Pa

Secure the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kiyoshi KAWAGUCHI  
Nobuo SEKO  
Tatsuo ITOH  
Takashi NAGAI  
Yoshiaki OKITA  
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Additional name of conveying party(ies) attached? Yes  No

2. Name and address of receiving party(ies)

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City: Tokyo 185-8540 Country: Japan

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 2/13/2004, 4/2/2004, 3/8/2004, 3/6/2004, 1/21/2004, and 3/12/2004, respectively.

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: \_\_\_\_\_

A. Patent Application No.(s)

10/649,375

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Bryant E. Wade

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: 1

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.

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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.

Bryant E. Wade

Name of Person Signing

Signature

April 12, 2004

Date

04/16/2004 DBYRNE 00000003 10649375

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

01 FC:8021

Documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office

P.O. Box 1450

EV 406 076 771 US

Alexandria, VA 22313-1450

PATENT  
REEL: 015207 FRAME: 0338

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# ASSIGNMENT

Atty. Docket No. 1754-000001

WHEREAS, the undersigned, hereinafter referred to collectively as Assignors, have invented:

## ANTI-LOCK BRAKE SYSTEM FOR VEHICLES

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 8/27/2003, and assigned Serial No. 10/649,375 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, RAILWAY TECHNICAL RESEARCH INSTITUTE, 2-8-38, Hikari-cho, Kokubunji-shi, Tokyo 185-8540, Japan, SHINKO ELECTRIC CO., LTD., Ise-Seisakusho, 100, Takegahana-cho, Ise-shi, Mie 516-8550 Japan, KAYABA INDUSTRY CO., LTD., 2-4-1, Hamamatsu-cho, Minato-ku, Tokyo 105-6111 Japan, TACO CO., LTD., 27-9, Takashimadaira 9-chome, Itabashi-ku, Tokyo 175-0082 Japan, NEC TOKIN CORPORATION, 7-1, Kohriyama 6-chome, Taihaku-ku, Sendai-shi, Miyagi 982-8510 Japan, and NEC TOKIN CERAMICS CORPORATION, 231, Sukasawa, Yamasaki-cho, Shiso-gun, Hyogo 671-2592 Japan, hereinafter collectively referred to as Assignees, are desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignors by these presents does sell, assign and transfer unto Assignees 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 Assignees 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 Assignors 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;

Assignors hereby covenant and agree 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;

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

Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignees, and request 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 Assignees.

ASSIGNMENT

Assignors hereby authorize my attorney to insert here in parentheses (Application No. 10/649,375, filed August 27, 2003) the filing date and application number of said application when known.

M 川 清

Kiyoshi KAWAGUCHI

February, 13, 2004

Dated

世古 信夫

Nobuo SEKO

April, 2, 2004

Dated

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伊藤 達夫

Dated

March, 8, 2004

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永井 高

Dated

March, 6, 2004

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大北 芳彰

Dated

January, 21, 2004

Hiroyasu YAMAMOTO

山本 裕康

Dated

March, 12, 2004

潤賀 健一

Witness

秦 広

Witness

竹内 泰裕

Witness

池村 清

Witness

内田 勝

Witness

川崎 治彦

Witness

岩田 幸雄

Witness

土屋 賢太郎

Witness

中里 忠道

Witness

高橋 真理子

Witness

中里 忠道

Witness

高橋 真理子

Witness