

07-22-1999

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Attorney Docket No.: 040894-5437

To the Assistant Commissioner for Patents:
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

- 1. Toshifumi MAEHARA
- 2. Hiroo KOBAYASHI
- 3. Haruo TSUZUKU
- 4. Seiya ODAKA
- 5. Yukio IWATA



MRD 7-19-99

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

Name: Akebono Brake Industry Co., Ltd.

Internal Address:

Street Address

19-5 Nihonbashi Koami-cho,
Chuo-ku, Tokyo
Japan

Additional name(s) & address(es) attached?

Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: June 22, 1999

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)
09/301,463

B. Patent No.(s)

Additional numbers attached: Yes No

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

Name: Mr. Robert J. Gaybrick
 Internal Address: Customer No. 09629
 Morgan, Lewis & Bockius LLP

Street Address: 1800 M Street, N.W.
 City: Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R §3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account 50-0310

8. Deposit account number: 50-0310
Attach duplicate of page if paying by deposit account

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.

J. Michael Thesz

J. Michael Thesz
Signature

July 19, 1999
Date

Name of Person Signing
7/21/1999 DNGUYEN 00000219 09301463

Total number of pages including cover sheet, attachments and documents: 3

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DRUM BRAKE DEVICE

for which I/WE executed an application for United States Letters Patent concurrently herewith; or on _____; or filed an application for United States Letters Patent on April 29, 1999, (Serial No. 09/301,463); and

WHEREAS, AKEBONO BRAKE INDUSTRY CO., LTD., a corporation of Japan, whose post office address is 19-5 Nihonbashi Koami-cho, Chuo-ku, Tokyo, Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/301,463, filed April 29, 1999) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

1. Full Name of Sole of First Assignor Toshifumi Maehara	Assignor's Signature <i>Toshifumi Maehara</i>	Date June 22, 1999
Address c/o AKEBONO BRAKE INDUSTRY CO., LTD., 19-5, Nihonbashi Koami-cho, Chuo-ku, Tokyo, Japan		Citizenship Japan
2. Full Name of Second Assignor Hiroo Kobayashi	Assignor's Signature <i>Hiroo Kobayashi</i>	Date June 22, 1999
Address c/o AKEBONO BRAKE INDUSTRY CO., LTD., 19-5, Nihonbashi Koami-cho, Chuo-ku, Tokyo, Japan		Citizenship Japan

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Continued From First Page of Assignment		Attorney Docket No.:
3. Full Name of Third Assignor Haruo Tsuzuku	Assignor's Signature <i>Haruo Tsuzuku</i>	Date June 22, 1999
Address c/o AKEBONO BRAKE INDUSTRY CO., LTD., 19-5, Nihonbashi Koami-cho, Chuo-ku, Tokyo, Japan		Citizenship Japan
4. Full Name of Fourth Assignor Seiya Odaka	Assignor's Signature <i>Seiya Odaka</i>	Date June 22, 1999
Address c/o AKEBONO BRAKE INDUSTRY CO., LTD., 19-5, Nihonbashi Koami-cho, Chuo-ku, Tokyo, Japan		Citizenship Japan
5. Full Name of Fifth Assignor Yukio Iwata	Assignor's Signature <i>Y. Iwata</i>	Date June 22, 1999
Address c/o AKEBONO BRAKE INDUSTRY CO., LTD., 19-5, Nihonbashi Koami-cho, Chuo-ku, Tokyo, Japan		Citizenship Japan
6. Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
7. Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
8. Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
9. Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
10. Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
11. Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship

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