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FORM PTO-1595 (Rev. 6-93)		-12-2004 2692582	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 10/475477 DT08 Ron'd PCT/PTO 22 OCT 2003 Attorney Docket No.: 040894-5965		
To the Commissioner for Patents Please record the attached origina	:	-	ATTN: MAIL STOP ASSIGNMENT		
1. Name of conveying party(ies):		2. Nam	2. Name and address of receiving party(ies):		
1. Hiroshi IKEGAMI 3. Shinichi TERASHIMA 2. Hitoshi FURUKAWA 4. Minoru MASHIKO		Nam	Name: Akebono Brake Industry Co., Ltd.		
Additional name(s) of conveying party(ies) attached? Yes \underline{X} No			Internal Address:		
3. Nature of conveyance:		Street A	Street Address: 19-5, Nihonbashi Koamicho, Chuo-ku, Tokyo 103-8534 Japan		
<u>X</u> Assignment <u>Merger</u> Security Agreement <u>Change of Name</u> Other			: Zip:		
Execution Date: September 30, 2003			ional name(s) & address(es) attached? es X No		
A. Patent Application No.(s):	September 30, 2003	B. Patent No	.(s)		
Additional numbers attached: Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed:			 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R §3.41): <u>\$40.00</u> Enclosed <u>X</u> Authorized to be charged to deposit account 50-0310 8. Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account 		
Name: Rober	e: Robert J. Gaybrick rnal Address: Morgan, Lewis & Bockius LLP et Address: 1111 Pennsylvania Avenue, NW				
Street Address: 11111					
 Statement and Signature To the best of my know original document. <u>Robert J. Goodell-Reg.</u> Name of Person Signir 	No. 41,040	PANH- Signature	te and correct and any attached copy is a true copy of the <u>October 22, 2003</u> Date ges including cover sheet, attachments and documents: <u>3</u>		
WA/2070259.1					

PATENT REEL: 015054 FRAME: 0715

ASSIGNMENT

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

entitled:

BRAKE APPARATUS

for which I/WE executed an application for United States Letters Patent concurrently herewith; or on <u>September 30, 2003</u>; or filed an application for United States Letters Patent on , (Serial No. ______); and

WHEREAS, AKEBONO BRAKE INDUSTRY CO., LTD.

a corporation of <u>Japan</u>, whose post office address is <u>19-5</u>, Nihonbashi Koamicho, Chuo-ku, Tokyo 103-8534 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. ______, filed ______) the filing date and application number of said application when known. ______October 22, 2003

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

1. Full Name of Sole of First Assignor Hiroshi IKEGAMI	Assignor's Signature	Date September 30, 2003
Address c/o AKEBONO BRAKE INDUSTRY CO.,	Citizenship	
Nihonbashi Koamicho, Chuo-ku, T	Japan	
2. Full Name of Second Assignor	Assignor's Signature	Date
Hitoshi FURUKAWA	Kitothi Furnhawd	September 30, 2003

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Continued From First Page of Assignment	Attorney D	ocket No.:
3. Full Name of Third Assignor Shinichi TERASHIMA	Assignor's Signature Shinichi Terashima	Date September 30, 2003
Address c/o AKEBONO BRAKE INDUSTRY CO., Nihonbashi Koamicho, Chuo-ku, Te	Citizenship Japan	
4. Full Name of Fourth Assignor Minoru MASHIKO	Assignor's Signature Minory, Mashiko	Date September 30, 2003
Address c/o AKEBONO BRAKE INDUSTRY CO., Nihonbashi Koamicho, Chuo-ku, To	Citizenship Japan	
5. Full Name of Fifth Assignor	Assignor's Signature	Date
Address		Citizenship
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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FORM PTO-1595 (Rev. 6-93)

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

10/475497

		Attorney Docket No.: 040894-5965		
To the Commissioner fo	- Datanta	0T08 Radia PCT/PTO 2 2 OCT 2003		
To the Commissioner for Patents: Please record the attached original documents or copy thereof.		ATTN: MAIL STOP ASSIGNMENT		
1. Name of conveying party(ies):		2. Name and address of receiving party(ies):		
1. Hiroshi IKEGAMI 3. Shinichi TERASHIMA 2. Hitoshi FURUKAWA 4. Minoru MASHIKO		Name: Akebono Brake Industry Co., Ltd.		
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<u>X</u> Assignment Security Agreemen Other	Merger t Change of Name	City: State: Zip:		
Execution Date: September 30, 2003		Additional name(s) & address(es) attached? Yes X No		
4. Application number(s) or patent number(s):			
	ing filed together with a new application the	execution date of the application is:		
September 30, 2003A. Patent Application No.(s):B. Patent No.(s)				
Additional numbers a	ttached: Yes <u>X</u> No	6. Total number of applications and patents involved: 1		
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Fotal number of applications and patents involved. <u>1</u>		
Name:	Robert J. Gaybrick	 7. Total fee (37 C.F.R §3.41): <u>\$40.00</u> Enclosed X Authorized to be charged to deposit account 50-0310 		
Internal Address: Street Address: City: Washington	Morgan, Lewis & Bockius LLP 1111 Pennsylvania Avenue, NW State: D.C. Zip: 20004	 Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account 		
9. Statement and Signat	ure	· · · · · · · · · · · · · · · · · · ·		
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				

Robert J. Goodell-Reg. No. 41,040 Name of Person Signing

original document.

Signature

October 22, 2003 Date

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

WA/2070259.1