

FORM PTO-1595 (Rev 6-93) (10) 70.99

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

RE 1. CO	Attorney Docket No.: 040894-5328			
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.	ATTN: BOX ASSIGNMENT			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Hirokazu YOSHIDA, Kazuyuki SHIBAYAMA and Seiya ODAKA	Name: AKEBONO BRAKE INDUSTRY CO., LTD.			
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address:			
3 Nature of conveyance: X AssignmentMerger	Street Address: 19-5, Nihonbashi Koami-cho, Chuo-ku, Tokyo, Japan			
Security Agreement Change of Name X Other Correction of coversheet information	City: State: Zip:			
Execution Date: May 21, 1998	Additional name(s) & address(es) attached? Yes X No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application t	the execution date of the application is:			
A. Patent Application No.(s) 09/077,538 B. Patent	No (s)			
Additional numbers attached: YesX No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Mr. Robert J. Gaybrick	7. Total fee (37 C.F.R §3.41):			
Internal Address: Morgan, Lewis & Bockius LLP	Enclosed Authorized to be charged to deposit account 50-0310			
Street Address: 1800 M Street, N W City: Washington State: D.C. Zip: 20036	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 January 20, 1999				
Name of Person Signing Sig	enature Date			
Total number of pages including cover sheet, attachments, and documents, 5				

PATENT REEL: 9706 FRAME: 0815

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BE Acc + PCT// = 0 01 JUN 1998

FORM PTO-1595 (Rev. 6-93)

08-14-1998

VER SHEET

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1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Hirokazu YOSHIDA, Kazuyuki SHIBAYAMA and Seiya ODAKA	Name: 1. AKEBONO BRAKE INDUSTRY CO., LTD.			
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address:			
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other	Street Address: 1. 19-5, Nihonbashi Koami-cho, Chuo-ku, Tokyo, Japan City: State: Zip:			
Execution Date: May 21, 1998	Additional name(s) & address(es) attached? Yes X 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: May 21, 1998 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached:YesXNo				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: Mr. Robert J. Gaybrick 19 Internal Address: Morgan, Lewis & Bockius LLP 1800 M Street, N.W. City: Washington State: D.C. Zip: 20036	7 Total fee (37 C.F.R §3.41):\$40.00 X Enclosed Authorized to be charged to deposit account 50-0310 8. Deposit account number: 50-0310			
City: Washington State: D.C. Zip: 20036	Attach duplicate of page if paying by deposit account			
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				

PATENT

REEL: 9706 FRAME: 0816

ASSIGNMENT

WHEREAS I/We, the below named inven	tor(s), [hereinafter referred to as	Assignor(s)], h	ave made an invention entitled		
DISC BRAKE D	EVUCE				
for which I/WE executed an application for United States Letters Patent on (Serial)		ly herewith; or	filed an application for United		
whereas, Akebono brake industrial address is * Please see below the entire right, title, and interest in and to this any Letters Patent to be issue upon this application;	STRY 20., LTD. a corporate (hereinafter rent on, the application for Unite	tion of <u>Japa</u> referred to as A ed States Letters	n, whose post office ssignee), is destrous of securing Patent on this invention and the		
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 ressues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States o 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 destrable 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					
IN TESTIMONY WHEREOF, I/WE have	hereunto set our hand(s).				
Full Name of Sole or First Assignor Firokazu Yoshida	Assign or's Signature		Date May 21, 1998		
Address Tokyo, Japan		i	Ci tize nship Japan		
Full Name of Second Assignor Eaztyuki Shibayama	Assignor's Signature	anni	Oate May 21, 1998		
Address Tokyo, Japan	, , , , , , , , , , , , , , , , , , , ,		Japan Japan		
Names of additional inventors attached [x] Yes	s No				

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

MORGAN, LEWIS & BOCKIUS

PATENT REEL: 9706 FRAME: 0817

WA01/194585.1

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U.S.	Rights	Onl

Full Name of Third Assignor Seliya Odaka	Ass gnor's Signature	Date May 21, 1998	
Address Tokyo, Japan		Citizenship Japan	
Full Name of Fourth Assignor	Assignor's Signature	Date	
Address		Citizenship	
Full Name of Fifth Assignor	Assignor's Signature	Date	
Address		Citizenship	
Full Name of Sixth Assignor	Assignor's Signature	Date	
∆d dr ess		Citizenship	
Full Name of Seventh Assignor	Assignor's Signature	Date	
A ddress		Citizenship	
Full Name of Eighth Assignor	Assignor's Signature	Date	
∧ddress		Citizenship	
Full Name of Ninth Assignor	Assignor's Signature	Date	
Address		Citizenship	
Full Name of Tenth Assignor	Assignor's Signature	Date	
A ddress		Citizenship	
Full Name of Eleventh Assignor	Assignor's Signature	Date	
Address		Citizenship	
Names of additional inventors attached [] Yes [] No '			

₩A01/194585.1

MORGAN LEWIS & BOCKIUS

PATENT **RECORDED: 01/20/1999 REEL: 9706 FRAME: 0818**