PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2771238

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHITAKA IZUMIHARA	03/17/2014
TADASUKE FUJIWARA	03/06/2014
MATTHEW ROBERE	03/11/2014
MASAYUKI UEDA	03/06/2014
ISHIGURO ISAO	03/13/2014

RECEIVING PARTY DATA

Name:	AKEBONO BRAKE INDUSTRY CO., LTD.
Street Address:	19-5 NIHONBASHI KOAMI-CHO
City:	CHUO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	103-8534

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14215354

CORRESPONDENCE DATA

Fax Number: (248)292-2910

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 2482922920

Email: lujkaj@patentco.com

Correspondent Name: THE DOBRUSIN LAW FIRM, P.C. Address Line 1: 29 W. LAWRENCE STREET

Address Line 2: SUITE 210

Address Line 4: PONTIAC, MICHIGAN 48342

ATTORNEY DOCKET NUMBER:	1356.155 (1310)
NAME OF SUBMITTER:	DANIEL P, ALEKSYNAS
SIGNATURE:	/Daniel P. Aleksynas/
DATE SIGNED:	03/17/2014

Total Attachments: 5

source=Assignment#page1.tif

PATENT REEL: 032453 FRAME: 0126

502724633



As a below named inventor, I hereby declare that:

TYPE OF DECLARATION: This declaration is for an original application.

believe that I am an i	original inventor, or an original	I joint inventor of the		stated below, next to my name. I laimed, and for which a patent is
SPECIFICATION IDE		ed application; or a Th		ation Number or PCT International
or its designee to inse ACKNOWLEDGMEN	nt here the application number T OF REVIEW OF PAPERS A	and filing date). AND DUTY OF CANE	OOR: I hereby state that	and do hereby authorize Assignee at the filing of the above-identified
above-identified speci as defined in 37, Code	fication, including the claims. I o of Federal Regulations, § 1.50	acknowledge the duty 6.	to disclose information	id understand the contents of the n, which is material to patentability
information and belief statements and the li	are believed to be true; and	further that these star y fine or imprisonmer	tements were made with it, or both, under Section	e and that all statements made on th the knowledge that willful false on 1001 of Title 18 of the United r any patent issued thereon.
	VENTION: In consideration of hereby acknowledged, and for			of the sum of One Dollar (\$1.00),
ASSIGNOR: Toshitaka Izumihara 45727 Bristol Cir.	hereby sell, assign a	and transfer to	ASSIGNEE: AKEBONO BRAKE IN 19-5 Nihonbashi Kos	The state of the s
Novi, MI 48377 Nationality: JP			Chuo-ku, Tokyo, Jap State or Country of Fo	
any foreign countries, referenced application here the application no	including all rights to claim partial $14/215,354$ filed on Market and filing date)	riority, in and to any a arch 17, 2014(an	and all improvements v id do hereby authorize	interest for the United States and which are disclosed in the above- Assignee or its designee to insert the interest in each such that the and interest in each such
application are also he Patent to be obtained renewal, or substitute past damages. ASSIC entered into which we	preby sold, assigned and transi of for said invention by the ab thereof, and as to letters pater SNOR hereby covenant that no buld conflict with this assignm	ferred to Assignee to love-referenced applicent any reissue or re-exonassignment, sale, a sent. ASSIGNOR furti	the extent not already disation or any continuat xamination thereof, incligreement or encumbra her covenant that ASS	ione so); and, in and to, all Letters ion, continuation-in-part, division, uding any and all rights to sue for ince has been or will be made or IGNEE will, upon its request, be
accessible to ASSIGI promptly execute and apply for, obtain, mair	NOR and will testify as to the deliver to ASSIGNEE or its I	e same in any interfe egal representatives Inited States applicati	erence, litigation or pro any and all papers, ins	ers Patent as may be known and oceeding related thereto and will struments or affidavits required to said Letters Patent which may be
Inventor's	Toshitaka Izumihara	R	esidence:	Novi, Michigan
Signature Date:	Mar 17 201		ost Office Address:	45727 Bristol Cir. Novi, MI 48178
Citizenship: JP				
1. Mellhew 1				NMENT
Whose full post office	address is: <u>155 Lickar</u> Street, City, P	4 St. Novi. 10 Postal Code, Country	48377, USA	
to me to be the invent	at I was personally present and present and present and present assignment of the state of the s	nment, duly sign and	Lzunileza who i	s personally known or identified e purposes therein stated.
On this	day of March	, 2014 	7/	
		Subscribing Witness		

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION: This declaration is for an original application.

believe that I am as sought on the inven SPECIFICATION II Application Number or its designee to interest application was manuabove-identified speas defined in 37, Consecution and believe the statements and the States Code, and the	n original inventor, or an original inventor, or an origination entitled: DECOUPLING BEDENTIFICATION: The attaction of the application number of the application number of the application number of the application of the claims of the claim	nal joint inventor of the series application; or or The seried application; or or The series AND DUTY OF CAND by me. I hereby state the lacknowledge the duty .56. Into made herein of my or defurther that these states by fine or imprisonments may jeopardize the validation.	e United States Application (a) OR: I hereby state that it is described in the described i		
the receipt of which	NVENTION: In consideration of is hereby acknowledged, and for	of the payment by ASSIC for other good and valual	SNEE to ASSIGNORS ble consideration.	of the sum of One Dollar (\$1.00),	
ASSIGNOR: Tadasuke Fujiwara 41733 Mitchell Rd. Novi, MI 48377 Nationality: JP	hereby sell, assign	and transfer to	ASSIGNEE: AKEBONO BRAKE IN 19-5 Nihonbashi Koa Chuo-ku, Tokyo, Jap State or Country of Fo	nmi-cho pan 103-8534	
any foreign countrie referenced application including the right to application are also be application are application application. Asset to apply for, obtain, manufactured applies to applies applie	s, including all rights to claim on 14/215,354 filed on number and filing date) or claim priority in the United State of the claim of the c	priority, in and to any a March 17, 2014 , (and tates or in any foreign consferred to Assignee to the above-referenced application and reissue or re-extension assignment, sale, agreement. ASSIGNOR further aments relating to said in the same in any interference legal representatives a United States application.	nd all improvements varied and improvements varies (the entire right extent not already distinct or any continuation thereof, including reement or encumbrater covenant that ASS invention and said Letter ence, litigation or promy and all papers, ins	interest for the United States and which are disclosed in the above-Assignee or its designee to insert tht, title and interest in each such one so); and, in and to, all Letters ion, continuation-in-part, division, uding any and all rights to sue for nce has been or will be made or IGNEE will, upon its request, be ers Patent as may be known and occeding related thereto and will truments or affidavits required to said Letters Patent which may be	
	7. Fagin				
Inventor's	Tadasuke/Fujiwara	Res	idence:	Novi, MI	
Signature Date:	3-6-2014	Pos	t Office Address:	41733 Mitchell Rd. Novi, MI 48377	
Citizenship: JP					
	address is: <u>I-4-I-5to Sakura</u> Street, City,	ada Kuki Saitama 3 Postal Code, Country	40-0203 Japan.	NMENT s personally known or identified e purposes therein stated.	
Signed at:	_day of			. ,	
	,	Subscribing Witness			

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION: This declaration is for an original application.

believe that I am an		joint inventor of the su		stated below, next to my name. I claimed, and for which a patent is
SPECIFICATION IDE	NTIFICATION: ☑ The attached	d application; or o The		ation Number or PCT International and do hereby authorize Assignee
or its designee to inse	rt here the application number a	and filing date).		
application was made above-identified speci	or authorized to be made by	me. I hereby state that acknowledge the duty t	at I have reviewed ar	at the filing of the above-identified ad understand the contents of the n, which is material to patentability
DECLARATION: I her information and belief statements and the lil	eby declare that all statements are believed to be true; and fu	made herein of my ow urther that these state fine or imprisonment,	ments were made wi or both, under Secti	e and that all statements made on th the knowledge that willful false on 1001 of Title 18 of the United r any patent issued thereon.
	VENTION: In consideration of the hereby acknowledged, and for the control of the			of the sum of One Dollar (\$1.00),
ASSIGNOR: Matthew Robere 155 Linhart St.	hereby sell, assign ar	Į.	ASSIGNEE: NKEBONO BRAKE II 19-5 Nihonbashi Ko:	
Novi, MI 48377 Nationality: US		i.	Chuo-ku, Tokyo, Jap State or Country of Fo	oan 103-8534
any foreign countries, referenced application here the application not including the right to application are also he Patent to be obtained renewal, or substitute past damages. ASSIG entered into which we provided promptly with accessible to ASSIGI promptly execute and apply for, obtain, main	including all rights to claim printled on Miles and filling date) claim priority in the United State areby sold, assigned and transfel for said invention by the about thereof, and as to letters patent and conflict with this assignment all pertinent facts and document of the priority as to the deliver to ASSIGNEE or its letters.	iority, in and to any ar arch 17, 2014 (and es or in any foreign coerred to Assignee to the ove-referenced application assignment, sale, agrent. ASSIGNOR further ents relating to said in same in any interferenced states application ap	nd all improvements of do hereby authorize buntries (the entire right extent not already of tion or any continual amination thereof, incirement or encumbrater covenant that ASS vention and said Lettence, litigation or property and all papers, institutions	I interest for the United States and which are disclosed in the above-Assignee or its designee to insert the substitution of t
Signature			t Office Address:	155 Linhart St.
Date:	3-11-14			Novi, MI 48178
Citizenship: US				
	SUBSCRIBING WITNESS A	AFFIDAVIT OF EXECU	JTION OF AN ASSIG	NMENT
- L <u>Baber</u>	t Amey	3		
Whose full post office	address is: <u>* 23/8/ /4ea</u> Street, City, Po	<i>adawlesk Dal</i> k ostal Code, Country	<u>Park, 115</u> 187	237
to the to be the lineling	at I was personally present and or or named in the attached assign Keana Engineer/	iment, dary sjyn and ex		is personally known or identified ie purposes therein stated.
On this//	day of <u>March</u>		reference and the second	
		Suban militing 2000	7	
		Subsefibing Witness		

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION: This declaration is for an original application.

INVENTORSHIP IDENTIFICATION: My residence, post offic believe that I am an original inventor, or an original joint invesought on the invention entitled: DECOUPLING BRAKE COMF	intor of the subject matter that is claimed, and for whic PONENT	h a patent is
SPECIFICATION IDENTIFICATION: The attached application Number filed on , 20 , Seri	tion; or □ The United States Application Number or PCT al Number / (and do hereby author	International ize Assignee
or its designee to insert here the application number and filing ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUT application was made or authorized to be made by me. I here above-identified specification, including the claims. I acknowled as defined in 37, Code of Federal Regulations, § 1.56. DECLARATION: I hereby declare that all statements made he information and belief are believed to be true; and further that statements and the like so made are punishable by fine or in States Code, and that such willful false statements may jeopare	date). Y OF CANDOR: I hereby state that the filing of the abreby state that I have reviewed and understand the code the duty to disclose information, which is material to be rein of my own knowledge are true and that all statement these statements were made with the knowledge that apprisonment, or both, under Section 1001 of Title 18 in the section of the section	ove-identified intents of the patentability ants made on at willful false of the United
ASSIGNMENT OF INVENTION: In consideration of the paymethe receipt of which is hereby acknowledged, and for other goo	ent by ASSIGNEE to ASSIGNORS of the sum of One D	
ASSIGNOR: hereby sell, assign and transfe Masayuki Ueda 1-20-4 Minami Satte-shi, Saitama 340-0156 Nationality: JP	r to ASSIGNEE: AKEBONO BRAKE INDUSTRY CO., LTD. 19-5 Nihonbashi Koami-cho Chuo-ku, Tokyo, Japan 103-8534 State or Country of Formation: JP	
and the successors, assigns and legal representatives of the A any foreign countries, including all rights to claim priority, in a referenced application 14/215,354 filed on March 17, here the application number and filing date) including the right to claim priority in the United States or in a application are also hereby sold, assigned and transferred to A Patent to be obtained for said invention by the above-refere renewal, or substitute thereof, and as to letters patent any reist past damages. ASSIGNOR hereby covenant that no assignmentered into which would conflict with this assignment. ASSI provided promptly with all pertinent facts and documents relat accessible to ASSIGNOR and will testify as to the same in promptly execute and deliver to ASSIGNEE or its legal representation of the purposes thereof.	and to any and all improvements which are disclosed in 2014, (and do hereby authorize Assignee or its designant foreign countries (the entire right, title and interest satisfies to the extent not already done so); and, in and enced application or any continuation, continuation-in-pause or re-examination thereof, including any and all right ent, sale, agreement or encumbrance has been or will GNOR further covenant that ASSIGNEE will, upon its ing to said invention and said Letters Patent as may be any interference, litigation or proceeding related the sentatives any and all papers, instruments or affidavitions.	in each such to, all Letters part, division, ats to sue for be made or request, be known and reto and will a required to
Inventor's Masayuki Ueda Signature	Residence: Saitama, Japan	
Date: 3-6-2014	Post Office Address: 1-20-4 Minami Satte-shi, Saitama	340-0156
Citizenship: JP		
SUBSCRIBING WITNESS AFFIDAV	IT OF EXECUTION OF AN ASSIGNMENT	
1. To shio Murator		•
Whose full post office address is: 1-99-6 Hasuda Street, City, Postal Code		
Make oath and say that I was personally present and did see _/ to me to be the inventor named in the attached assignment, dul Signed at:	Yasayuk: Vedo who is personally known o y sign and execute the same for the purposes therein st	r identified ated.
On this $6^{\frac{1}{10}}$ day of $\frac{March}{}$ 2010	4	
	PATENT	
Subscribit	REEL: 032453 FRAME: 0	131

As a below named inventor, I hereby declare that:

TYPE OF	DECLARATION:	This declara	ation is for an	original application
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INVENTORSHIP IDENTIFICATION: My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original inventor, or an original joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled: DECOUPLING BRAKE COMPONENT				
Application Number filed on	, 20 Serial I	Number / (ation Number or PCT International and do hereby authorize Assignee	
ACKNOWLEDGMENT OF RE application was made or author	orized to be made by me. I hereby ncluding the claims. I acknowledge	OF CANDOR: I hereby state the state that I have reviewed a	nat the filing of the above-identified nd understand the contents of the on, which is material to patentability	
information and belief are belief statements and the like so ma	eved to be true; and further that th	hese statements were made w risonment, or both, under Sect	ne and that all statements made on ith the knowledge that willful false tion 1001 of Title 18 of the United or any patent issued thereon.	
	N: In consideration of the payment cknowledged, and for other good a		S of the sum of One Dollar (\$1.00),	
ASSIGNOR: Ishiguro Isao 3-45 Minami-cho	hereby sell, assign and transfer to	ASSIGNEE: AKEBONO BRAKE I 19-5 Nihonbashi Ko		
Kazo-shi, Saitama 347-0031 Nationality: JP	•	Chuo-ku, Tokyo, Ja State or Country of F	pan 103-8534	
and the successors, assigns are any foreign countries, including referenced application 14/215, here the application number and	g all rights to claim priority, in and 354 filed on _ March 17, 20	I to any and all improvements	d interest for the United States and which are disclosed in the above- Assignee or its designee to insert	
application are also hereby sold Patent to be obtained for said	d, assigned and transferred to Assi I invention by the above-reference	ignee to the extent not already a ed application or any continua	ght, title and interest in each such done so); and, in and to, all Letters tion, continuation-in-part, division, bluding any and all rights to sue for	
renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including any and all rights to sue for past damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.				
//	Λ · Λ ·			
Inventor's Ishiguro Signature	1 sao 14	Residence:	Saitama, Japan	
Date: 3- 1	3-2014	Post Office Address:	3-45 Minami-cho Kazo-shi, Saitama 347-0031	
Citizenship: JP				
SUBS	SCRIBING WITNESS AFFIDAVIT	OF EXECUTION OF AN ASSIG	SNMENT	
1. Jutaka Nish			,	
	is: <u>453-1-403 Fund</u> Street, City, Postal Code, R			
to me to be the inventor named Signed at:	ersonally present and did see 1/2 in the attached assignment, duly s	to <i>Ishiguro</i> who sign and execute the same for the	is personally known or identified he purposes therein stated.	
On this <u>/♂</u> day of _	March , 2014		·	
	Subscribing '	is life for de la light of the land of the	•	

PATENT REEL: 032453 FRAME: 0132

RECORDED: 03/17/2014