

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2771238

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AKEBONO BRAKE INDUSTRY CO., LTD.
<b>Street Address:</b>	19-5 NIHONBASHI KOAMI-CHO
<b>City:</b>	CHUO-KU, TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	103-8534
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14215354
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)292-2910
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	2482922920
<b>Email:</b>	lujkaj@patentco.com
<b>Correspondent Name:</b>	THE DOBRUSIN LAW FIRM, P.C.
<b>Address Line 1:</b>	29 W. LAWRENCE STREET
<b>Address Line 2:</b>	SUITE 210
<b>Address Line 4:</b>	PONTIAC, MICHIGAN 48342
<b>ATTORNEY DOCKET NUMBER:</b>	1356.155 (1310)
<b>NAME OF SUBMITTER:</b>	DANIEL P, ALEKSYNAS
<b>SIGNATURE:</b>	/Daniel P. Aleksynas/
<b>DATE SIGNED:</b>	03/17/2014
<b>Total Attachments: 5</b>	
source=Assignment#page1.tif	

source=Assignment#page2.tif  
source=Assignment#page3.tif  
source=Assignment#page4.tif  
source=Assignment#page5.tif

COMBINED DECLARATION & ASSIGNMENT

As a below named inventor, I hereby declare that:

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

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

SPECIFICATION IDENTIFICATION: [X] The attached application; or [ ] The United States Application Number or PCT International Application Number filed on \_\_\_\_\_, 20\_\_\_\_, Serial Number \_\_\_\_/\_\_\_\_\_(and do hereby authorize Assignee or its designee to insert here the application number and filing date).

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR: I hereby state that the filing of the above-identified application was made or authorized to be made by me. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

DECLARATION: I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNMENT OF INVENTION: In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Toshitaka Izumihara
45727 Bristol Cir.
Novi, MI 48377
Nationality: JP

hereby sell, assign and transfer 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 ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application 14/215,354 filed on March 17, 2014 (and do hereby authorize Assignee or its designee to insert here the application number and filing date)

including the right to claim priority in the United States or in any foreign countries (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, 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.

Inventor's Signature: [Handwritten Signature]
Toshitaka Izumihara

Residence: Novi, Michigan

Date: Mar 17 2014

Post Office Address: 45727 Bristol Cir.
Novi, MI 48178

Citizenship: JP

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

[Handwritten Signature] Matthew Robere

Whose full post office address is: 155 Lihart St, Novi, MI 48377, USA
Street, City, Postal Code, Country

Make oath and say that I was personally present and did see Toshitaka Izumihara who is personally known or identified to me to be the inventor named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: Akebono Engineering Center

On this 17 day of March, 2014

[Handwritten Signature]
Subscribing Witness

COMBINED DECLARATION & ASSIGNMENT

As a below named inventor, I hereby declare that:

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

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

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DECLARATION: I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNMENT OF INVENTION: In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Tadasuke Fujiwara 41733 Mitchell Rd. Novi, MI 48377 Nationality: JP hereby sell, assign and transfer 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 ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application 14/215,354 filed on March 17, 2014, (and do hereby authorize Assignee or its designee to insert here the application number and filing date)

including the right to claim priority in the United States or in any foreign countries (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, 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.

Inventor's Signature: [Signature] Tadasuke Fujiwara

Residence: Novi, MI Post Office Address: 41733 Mitchell Rd. Novi, MI 48377

Date: 3-6-2014

Citizenship: JP

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I, Makoto Ohta

Whose full post office address is: 1-4-1-610 Sakurada Kuki Saitama 340-0203 Japan Street, City, Postal Code, Country

Make oath and say that I was personally present and did see Tadasuke Fujiwara who is personally known or identified to me to be the inventor named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at:

On this 6th day of March, 2014

[Signature] Subscribing Witness

COMBINED DECLARATION & ASSIGNMENT

As a below named inventor, I hereby declare that:

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

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

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DECLARATION: I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNMENT OF INVENTION: In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Matthew Robere, 155 Linhart St, Novi, MI 48377, Nationality: US

hereby sell, assign and transfer 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 ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application 14/215,354 filed on March 17, 2014 (and do hereby authorize Assignee or its designee to insert here the application number and filing date)

including the right to claim priority in the United States or in any foreign countries (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, 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.

Inventor's Signature: Matthew Robere

Residence: Novi, Michigan

Date: 3-11-14

Post Office Address: 155 Linhart St, Novi, MI 48178

Citizenship: US

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

Robert Amey

Whose full post office address is: 23481 Meadowlark, Oak Park, MI 48237

Make oath and say that I was personally present and did see Matthew Robere who is personally known or identified to me to be the inventor named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: Akebono Engineering Center

On this 11 day of March, 2014

Subscribing Witness

## COMBINED DECLARATION &amp; ASSIGNMENT

As a below named inventor, I hereby declare that:

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

**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

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**DECLARATION:** I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**ASSIGNMENT OF INVENTION:** In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:** \_\_\_\_\_ hereby sell, assign and transfer to  
**Masayuki Ueda**  
 1-20-4 Minami  
 Satte-shi, Saitama 340-0156  
 Nationality: JP

**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 ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application 14/215,354 filed on March 17, 2014, (and do hereby authorize Assignee or its designee to insert here the application number and filing date)

including the right to claim priority in the United States or in any foreign countries (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, 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.

**Inventor's  
Signature**

Masayuki Ueda

**Residence:**

Saitama, Japan

**Date:**

3-6-2014

**Post Office Address:**

1-20-4 Minami  
Satte-shi, Saitama 340-0156

**Citizenship:** JP

## SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I, Toshio Murata

Whose full post office address is: 2-99-6 Hasuda Saitama, 349-0195 Japan.  
 Street, City, Postal Code, Country

Make oath and say that I was personally present and did see Masayuki Ueda who is personally known or identified to me to be the inventor named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: \_\_\_\_\_

On this 6<sup>th</sup> day of March, 2014

Toshio Murata  
 Subscribing Witness

**PATENT**

**REEL: 032453 FRAME: 0131**

## COMBINED DECLARATION &amp; ASSIGNMENT

As a below named inventor, I hereby declare that:

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**DECLARATION:** I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**ASSIGNMENT OF INVENTION:** In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:** hereby sell, assign and transfer to  
**Ishiguro Isao**  
 3-45 Minami-cho  
 Kazo-shi, Saitama 347-0031  
 Nationality: JP

**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 ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application 14/215,354 filed on March 17, 2014, (and do hereby authorize Assignee or its designee to insert here the application number and filing date)

including the right to claim priority in the United States or in any foreign countries (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, 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.

**Inventor's  
Signature**

Ishiguro Isao

**Residence:**

Saitama, Japan

**Date:**

3-13-2014

**Post Office Address:**

3-45 Minami-cho  
Kazo-shi, Saitama 347-0031

**Citizenship:** JP

## SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I, Futaba Nishikawa

Whose full post office address is: 453-1-403 Kumagaya, Saitama, 360-0816 Japan  
 Street, City, Postal Code, Country

Make oath and say that I was personally present and did see Isao Ishiguro who is personally known or identified to me to be the inventor named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: \_\_\_\_\_

On this 13<sup>th</sup> day of March, 2014

F. Nishikawa  
 Subscribing Witness

PATENT

RECORDED: 03/17/2014

REEL: 032453 FRAME: 0132