

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4142189

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SUNIL KESAVAN	08/29/2016
XINMING SHAO	09/02/2016
<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>	UNITED STATES
<b>Postal Code:</b>	103-8534
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15257224
<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 using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	2482922920
<b>Email:</b>	serla@patentco.com
<b>Correspondent Name:</b>	DANIEL P. ALEKSYNAS
<b>Address Line 1:</b>	29 W. LAWRENCE STREET
<b>Address Line 4:</b>	PONTIAC, MICHIGAN 48342
<b>ATTORNEY DOCKET NUMBER:</b>	1356.172US (1509)
<b>NAME OF SUBMITTER:</b>	DANIEL P. ALEKSYNAS
<b>SIGNATURE:</b>	/DANIEL P. ALEKSYNAS/
<b>DATE SIGNED:</b>	11/14/2016
<b>Total Attachments: 2</b>	
source=Ex Declaration Kesavan#page1.tif	
source=Ex Declaration Shao#page1.tif	

## 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: **FRICTION MATERIAL**

**SPECIFICATION IDENTIFICATION:** ☒ The attached application; or ☐ The United States Application Number or PCT International Application Number \_\_\_\_\_ filed \_\_\_\_\_

**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:** \_\_\_\_\_ hereby sell, assign and transfer to:  
Sunil Kesavan  
41267 Scarborough Lane  
Novi, MI 48375  
Nationality: US

**ASSIGNEE:**  
AKEBONO BRAKE INDUSTRY CO., LTD  
19-5 Nihonbashi Koami-cho  
Chuo-ku, Tokyo 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 15/257,224, filed September 6, 2016, including the right to claim priority in the United States Provisional Application No. 62/222,336 filed on September 23, 2015, or in any foreign countries in and to (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: \_\_\_\_\_

Sunil Kesavan

Residence: Novi, MI

Post Office Address: 41267 Scarborough Lane  
Novi, MI 48375

Date: 08/29/16

Citizenship: US

## SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I, James Matthew Merl, whose full post office address is: 13280 Sumac South Lyon 48178 USA  
(Street, City, Postal Code, Country)

make oath and say that I was personally present and did see Sunil Kesavan 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: 34385 W. Mike Akebono Corp, Farmington Hills, MI.

On this 29 day of August, 2016

James Matthew Merl  
Subscribing Witness

PATENT

REEL: 040316 FRAME: 0823

## 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: **FRICTION MATERIAL**

**SPECIFICATION IDENTIFICATION:** ☒ The attached application; or ☐ The United States Application Number or PCT International Application Number \_\_\_\_\_ filed \_\_\_\_\_

**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:**

Xinming Shao  
6785 161th Ave. SE Unit B  
Bellevue, WA 98006  
Nationality: US

hereby sell, assign and transfer to:

**ASSIGNEE:**

AKEBONO BRAKE INDUSTRY CO., LTD  
19-5 Nihonbashi Koami-cho  
Chuo-ku, Tokyo 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 15/257,224 filed on September 6, 2016 including the right to claim priority in the United States Provisional Application No. 62/222,336 filed on September 23, 2015, or in any foreign countries, in and to (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:

Xinming Shao

Residence:

Bellevue, WA

Date:

09/02/16

Post Office Address:

6785 161th Ave. SE Unit B  
Bellevue, WA 98006

Citizenship:

US

## SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I, Katsuhiko Kikuchi whose full post office address is: 168 TINGCAN ST. SUZHOU, PRC  
(Street, City, Postal Code, Country)

make oath and say that I was personally present and did see XINMING SHAO 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: 168 TINGCAN ST. SUZHOU, PRC

On this 02 day of Sept., 2016

Katsuhiko Kikuchi  
Subscribing Witness

PATENT