PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSHIMITSU OZEKI	03/29/2018
YUSUKE KAMIYA	04/09/2018

RECEIVING PARTY DATA

Name:	ADVICS CO., LTD.
Street Address:	2-1, SHOWA-CHO
City:	KARIYA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	448-8688
l .	
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Name: Street Address:	TOYOTA JIDOSHA KABUSHIKI KAISHA 1, TOYOTA-CHO
Street Address:	1, TOYOTA-CHO

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15773603

CORRESPONDENCE DATA

Fax Number: (703)836-2212

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.

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ATTORNEY DOCKET NUMBER:	1033697-000138
NAME OF SUBMITTER:	MAYRA E. CASTILLO
SIGNATURE:	/MAYRA E. CASTILLO/
DATE SIGNED:	05/04/2018

PATENT 504899698 REEL: 045713 FRAME: 0918

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT REEL: 045713 FRAME: 0919

Attorney Docket No.	
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COMBINED DECLARATION AND ASSIGNMENT (JOINT)

to:	ie below	name	d inventors, I hereby declare that this Combined Declaration and Assignment is directed
	(1)	\boxtimes	U.S. application number or PCT application number PCT/JP2016/084861, filed on November 24, 2016 entitled BRAKING DEVICE FOR VEHICLE; or
	(2)		the attached application entitled
			DECLARATION
As one of th	e below	name	d inventors, I further declare that:
The	above-i	dentifi	ed application was made or authorized to be made by me.
I bel	lieve tha	t I am	an original joint inventor of a claimed invention in the application.
l ha	ve reviev	wed ar	nd understand the contents of the above-identified application, including the claims.
l acl to be materia	knowledg al to pate	ge the entabil	duty to disclose to the U.S. Patent and Trademark Office all information known to me lity as defined in Title 37, Code of Federal Regulations, § 1.56.
1 he	reby acl	knowle	edge that any willful false statement made in this declaration is punishable under

ASSIGNMENT

18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in an application for Letters Patent of the United States, which is a nonprovisional application;

WHEREAS, ADVICS CO., LTD., a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 2-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8688 Japan, and TOYOTA JIDOSHA KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said

Buchanan Ingersoll & Rooney PC
Attorneys & Government Relations Professionals

PATENT REEL: 045713 FRAME: 0920 applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for their own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignees, their successors, legal representatives, and assigns.

March 29, 2018	Yoshimitsu OZEKI	Yashimitsu Ozeki
Date	Name	Signature
April 9, 20/8.	Yusuke KAMIYA	yusilke Hamiya
Date	Name	Signature

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