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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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YU ONODERA	10/19/2017
KEITA SATO	10/19/2017

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15798735

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DATE SIGNED:	10/31/2017

Total Attachments: 2

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> **PATENT** REEL: 043991 FRAME: 0481 504619453

ASSIGNMENT

This Assignment agreement is applicable to an invention entitled:

************************************	MOTOR VEHIC	<u> ZLE</u>
The PATE (check one)	this assignment. U.S. Patent Application No. a U.S. patent application based on PCT in	e United States Patent and Trademark Office. ecuted by the ASSIGNOR(S) concurrently with, filed sternational Application(U.S. patent application Serial
	ENT RIGHTS also include the invention(s) set for divisions, reissues, continuations and extensions	
	ENT RIGHTS assigned under this agreement are U.S. patent rights only. Worldwide patent rights, including the rig date of any U.S. or foreign patent applicat	tht of assignee to claim the benefit of the filing
The ASSIC 2 of this Assi	GNOR(S) referred to in this agreement is/are the gnment.	e inventor(s) whose signature(s) appears on page
The ASSIC	SNEE referred to in this agreement is:	
(Name of Ass	signee) SUBARU CORPORATION	
(Address) 1	1-20-8, Ebisu, Shibuya-ku, Tokyo, Japan	
The ASSIGN (check one)		cify state or country)
sufficiency of ASSIGNEE, i the full and the entire r the right to the right to	eration of the premises hereof, and other good are f which is acknowledged, ASSIGNOR(S) hereby its successors and assigns: d exclusive right to the invention; right, title and interest in and to the PATENT RID sue and recover for any past infringement; and to claim priority under 35 USC 119, 35 USC 120, based on any earlier patent applications for this	y assign(s) the following rights to the GHTS; , , or any other applicable

A03481US00

PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: SUBARU CORPORATION INVENTION: MOTOR VEHICLE

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Application Number and filing date in this document after it has been executed.

Hiroshi OZAWA	Mrashi Ozawa	October. 19. 2017.
Name of Inventor	Signature	Date
Yu ONODERA	Yu Onedera	October 19 2017
Name of Inventor	Signature	Date
Keita SATO	Keita Soto	October . 19. 2017
Name of Inventor	Signature	Date
Name of Inventor	Signature	Date
Name of Inventor	Signature	Date
Name of Inventor	Signature	Date
Name of Inventor	Signature	Date

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PATENT REEL: 043991 FRAME: 0483

RECORDED: 10/31/2017