

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	02/02/2021
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<b>Property Type</b>	<b>Number</b>
Application Number:	16430425
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<b>NAME OF SUBMITTER:</b>	HIROKI KAWASAKI
<b>SIGNATURE:</b>	/Hiroki Kawasaki/
<b>DATE SIGNED:</b>	02/15/2021

**Total Attachments: 1**

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ASSIGNMENT

WHEREAS, KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, whose post office address is 2-1, Toyoda-cho, Kariya-shi, Aichi-ken, 448-8671, Japan (hereinafter referred to as ASSIGNOR), is the assignee of U.S. Patent Application No. 16/430,425 filed on June 4, 2019, (hereinafter referred to as the INVENTION); by virtue of an assignment from the inventor dated June 4, 2019, and recorded at Reel 049354, Frame 0137 and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA, whose post office address is 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan and TAIHO KOGYO CO., LTD., whose post office address is 65, Midorigaoka 3-chome, Toyota-shi, Aichi-ken, 471-8502, JAPAN (hereinafter referred to as ASSIGNEES) are desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto said ASSIGNEES, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including the right to sue for past infringement, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and any other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor's certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEES in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEES' expense, to identify and communicate to ASSIGNEES at ASSIGNEES' request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEES that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEES, as the ASSIGNEES of the entire right, title and interest in and to the same, for ASSIGNEES' sole use and behoof; and for the use and behoof of ASSIGNEES' legal representatives and successors, to the full end of the term for which such United States Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Signature: 

Masaki ITO

Date: February 2, 2021

General Manager of Intellectual Property Department

Title

**PATENT**