506151523 07/14/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6198255

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DENSO CORPORATION	07/10/2020

RECEIVING PARTY DATA

Name:	DENSO CORPORATION	
Street Address:	1-1, SHOWA-CHO	
City:	KARIYA-CITY, AICHI-PREF.	
State/Country:	JAPAN	
Postal Code:	448-8661	
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:	16514123

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NAME OF SUBMITTER:	PAULA M. GIBBS
SIGNATURE:	/Paula M. Gibbs/
DATE SIGNED:	07/14/2020

Total Attachments: 2

PATENT REEL: 053197 FRAME: 0562

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PATENT REEL: 053197 FRAME: 0563

PATENT ASSIGNMENT

WHEREAS, DENSO CORPORATION, a corporation having a principal place of business at 1-1, Showa-cho, Kariya-city, Aich-pref, 448-8661 Japan (hereinafter "ASSIGNOR"), is the owner of the following patent applications ("the Patent Applications"):

U.S. App. No. 16/339,389, filed April 4, 2019; U.S. App. No. 16/514,123, filed July 17, 2019.

WHEREAS, ASSIGNOR desires to assign all right, title and interest in and to the Patent Applications to DENSO CORPORATION, a corporation having a principal place of business at 1-1, Showa-cho, Kariya-city, Aich-pref, 448-8661 Japan and TOYOTA JIDOSHA KABUSHIKI KAISHA, a corporation having a principal place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (hereinafter "ASSIGNEES"); and

WHEREAS, ASSIGNEES are desirous of acquiring the entire right, title and interest in and to the Patent Applications.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, ASSIGNOR agrees to assign, and hereby does assign, all right, title, and interest in and to the Patent Applications and all utility applications, Patent Cooperation Treat (PCT) applications, national phase applications, divisional applications, continuation applications, continuation-in-part applications, or other applications claiming priority directly or indirectly from the Patent Applications, in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, together with any reissues, reexaminations, and extensions thereof, including the right to sue for and to recover for past infringements thereof, unto said ASSIGNEES, their successors and assigns.

ASSIGNOR represents that at the time of execution of this Patent Assignment, ASSIGNOR is the owner of all right, title, and interest in and to the Patent Applications, and that ASSIGNOR has not assigned, transferred, licensed, or encumbered ASSIGNOR'S rights therein, and that ASSIGNOR will not hereafter assign or attempt to assign any rights therein, or take any other action inconsistent with this Patent Assignment.

ASSIGNOR agrees to execute such further documents and take such acts as reasonably required by ASSIGNEES or ASSIGNEES' successor(s) to secure and enforce ASSIGNEES' rights in the Patent Applications, including but not limited to further assignments.

PATENT

REEL: 053197 FRAME: 0564

DENSO CORPORATION

By: Yasuhisa Kojima / Title General Manager of IP Planning Dept.

WITNESS

Signature:

Printed Name: Noritake

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RECORDED: 07/14/2020