505908488 02/10/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DENSO INTERNATIONAL AMERICA, INC.	02/10/2020

RECEIVING PARTY DATA

DENSO INTERNATIONAL AMERICA, INC.
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PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62821495
Application Number:	16786275

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PATENT 505908488 REEL: 051771 FRAME: 0673

DATE SIGNED: 02/10/2020

Total Attachments: 2
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PATENT REEL: 051771 FRAME: 0674

PATENT ASSIGNMENT

WHEREAS, DENSO International America, Inc., a Delaware Corporation, with a place of business at 24777 Denso Drive, P.O. Box 5047, Southfield, MI 48086 (hereinafter "ASSIGNOR"), is the owner of the following patent applications ("the Patent Applications"):

U.S. App. No. 62/821,479, filed March 21, 2019; and U.S. App. No. 62/821,495, filed March 21, 2019.

WHEREAS, ASSIGNOR desires to assign all right, title and interest in and to the Patent Applications to **DENSO International America, Inc.**, a Delaware Corporation, with a place of business at 24777 Denso Drive, P.O. Box 5047, Southfield, MI 48086 and **DENSO CORPORATION**, a Japanese Corporation, with a place of business at 1-1, Showa-cho, Kariya-city, Aichi-pref., Japan 448-8661 (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, effective March 21, 2019, 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.

PATENT REEL: 051771 FRAME: 0675 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.

DENSO International America, Inc.

Jeremy T. Koscielny, Senior Manager, IP Counsel

STATE OF MICHIGAN

ss: Southfield

COUNTY OF OAKLAND

Subscribed and sworn to before me on February 10, 2020.

Burda M. Garati Notary Burble Wayne Sounty

Brenda M. Garrett, Notary Public, Wayne County, Michigan

My Commission Expires: October 20, 2022

Acting in Oakland County, Michigan

PATENT REEL: 051771 FRAME: 0676

RECORDED: 02/10/2020