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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.	02/06/2020

RECEIVING PARTY DATA

DENSO INTERNATIONAL AMERICA, INC.
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448-8661

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16598360

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NAME OF SUBMITTER:	MICHAEL P. DOERR
SIGNATURE:	/ Michael P. Doerr /
DATE SIGNED:	02/18/2020

PATENT REEL: 051846 FRAME: 0467

Total Attachments: 1

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PATENT REEL: 051846 FRAME: 0468

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 U.S. Patent Application No. 16/598,360, for "PASSIVE ENTRY/PASSIVE START SYSTEMS USING I AND Q DATA FOR DETECTING RANGE EXTENDER TYPE RELAY STATION ATTACKS";

WHEREAS, ASSIGNOR desires to assign all right, title and interest in and to U.S. Patent Application No. 16/598,360 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, Kariyacity, Aichi-pref., Japan 448-8661 (hereinafter "ASSIGNEES"); and

WHEREAS, ASSIGNEES are desirous of acquiring the entire right, title and interest in and to U.S. Patent Application No. 16/598,360;

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 10/10/2019, all right, title, and interest in and to U.S. Patent Application No. 16/598,360, 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 U.S. Patent Application No. 16/598,360, 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 U.S. Patent Application No. 16/598,360, including but not limited to further assignments.

DENSO International America, Inc.

STATE OF MICHIGAN

) ss: Southfield

) 88. Southing

COUNTY OF OAKLAND

Granda M. Garrett

RECORDED: 02/18/2020

Subscribed and sworn to before me on February 6, 2020.

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

My Commission Expires October 20, 2022

Acting in Oakland County, Michigan

Page 1 of 1