

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUKIHIKO IDESHIO	01/23/2015
SHINJI MATSUMOTO	01/23/2015
DAIKI SUYAMA	01/30/2015
KATSUHIKO HATTORI	01/30/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14645996
<b>CORRESPONDENCE DATA</b>	
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<b>SIGNATURE:</b>	/Thomas E. Anderson/
<b>DATE SIGNED:</b>	03/24/2015
<b>Total Attachments: 3</b> source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif	

# ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Yukihiko IDESHIO, Shinji MATSUMOTO, Daiki SUYAMA and Katsuhiko HATTORI (hereinafter referred to as Assignors), residing at Nissin-shi, Aichi-ken, Japan, Chiryu-shi, Aichi-ken, Japan, Okazaki-shi, Aichi-ken, Japan and Nagoya-shi, Aichi-ken, Japan, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in  
VEHICLE DRIVING SYSTEM, AND METHOD OF ASSEMBLING VEHICLE DRIVING SYSTEM

a Patent application for Letters Patent of the United States, filed on  
March 12, 2015 as U.S. Application No. 14/645,996 and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA and AINIS AW CO., LTD., organized under and pursuant to the laws of Japan having their principal places of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan and 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan, respectively, (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which

Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GIFFORD, KRASS, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 25006

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

Date: January 23, 2015

Signature: Yukihiko Iideshio  
Yukihiko IDESHIO

Date: January 23, 2015

Signature: Shinji Matsumoto  
Shinji MATSUMOTO

Date: January 30, 2015

Signature: Daiki Suyama  
Daiki SUYAMA

Date: January 30, 2015

Signature: Katsuhiko Hattori  
Katsuhiko HATTORI