503570758 11/16/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3617385

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
YOSHINORI MAEDA	10/12/2015
TAKAHIRO YOSHIMURA	10/12/2015
RYOTA HORIE	10/12/2015
HIROSHI TAMURA	10/12/2015
HIDEKI TAMOTO	10/12/2015

RECEIVING PARTY DATA

Name:	Toyota Jidosha Kabushiki Kaisha	
Street Address:	1, Toyota-cho	
City:	Toyota-shi, Aichi-ken	
State/Country:	ate/Country: JAPAN	
Postal Code:	Postal Code: 471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14882796

CORRESPONDENCE DATA

Fax Number: (248)647-5210

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 248-647-6000

Email: Teresa.Purdy@dinsmore.com
Correspondent Name: DINSMORE & SHOHL LLP

Address Line 1: PO BOX 7021

Address Line 4: TROY, MICHIGAN 48007-7021

ATTORNEY DOCKET NUMBER:	TMCE-10902/08
NAME OF SUBMITTER: THOMAS E. ANDERSON	
SIGNATURE:	/Thomas E. Anderson/
DATE SIGNED: 11/16/2015	

Total Attachments: 3

source=assignment#page1.tif

PATENT REEL: 037048 FRAME: 0682

503570758

source=assignment#page2.tif source=assignment#page3.tif

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by _Yoshinori MAEDA; Takahiro YOSHIMURA;

Ryota HORIE; Hiroshi TAMURA and Hideki TAMOTO (hereinafter referred to as

Assignors), residing at _Aichi-gun, Aichi-ken, Japan; Toyota-shi, Aichi-ken, Japan; Nagoya-shi,

Aichi-ken, Japan; Toyota-shi, Aichi-ken, Japan and Toyota-shi, Aichi-ken, Japan ,

respectively;

WHEREAS, Assignors have invented certain new and useful improvements in CONTROL APPARATUS FOR A VEHICULAR 4-WHEEL DRIVE SYSTEM

a Patent application fo	r Letters Pater	nt of the Uni	ted States,	filed on
October 14, 2015				

s U.S. Application No.	14/882,796	and
------------------------	------------	-----

WHEREAS, Toyota Jidosha Kabushiki Kaisha, a Corporation organized under and pursuant to the laws of Japan having its principal place of business at 1, Toyota-cho, Toyota-shi Aichi-ken, 471-8571, JAPAN (hereinafter referred to as Assignee), is 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 Assignee, its 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 Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent

15-11-12;04:09PM; | KEDA PATENT OFFICE

GIFFORD, KRASS, US ;

8/ 9

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 Assignee, its 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 Assignee under law or that have already been transferred to Assignee, 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 Assignee, its 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 Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent 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 Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its 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:

DINSMORE & SHOHL LLP

All practitioners at Customer Number 25006

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

Date:	<u>October 12,2015</u>	Signature:	Yoshinori MAEDA
Date:	October 12.2015	Signature:	Jahahiro Yoshimura. Takahiro YOSHIMURA
Date:	Octo Ber 12. 2015	Signature:	Ryota) 40 Tic
Date:	October 12, 2015	Signature:	Hiroshi Tamura Hiroshi TAMURA
Date:	October 12, 2015	Signature:	Kfioleki Tamoto Hideki TAMOTO
Date:		Signature:	