## 505684538 09/23/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5731348

SUBMISSION TYPE:		NEV	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASS	ASSIGNMENT				
CONVEYING PARTY	DATA						
			Name			Execution Date	
TOYOTA JIDOSHA KABUSHIKI KAIS						09/10/2019	
RECEIVING PARTY [	ΑΤΑ						
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City:	AICHI-k	AICHI-KEN					
State/Country:	JAPAN	JAPAN					
Postal Code:	480-119	480-1192					
Patent Number:		10232722					
Patent Number:		10232722					
CORRESPONDENCE	DATA						
	(	(703)413-2					
Fax Number: <i>Correspondence will</i>	be sent to	the e-ma	il address first; if that is				
Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i>	be sent to if provided	the e-ma	il address first; if that is unsuccessful, it will be				
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Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name	be sent to if provided	<i>the e-ma</i> <i>; if that is</i> (703) 413- corpassigr OBLON, E	<i>il address first; if that is unsuccessful, it will be</i> 3000 ments@oblon.com T AL.				
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Fax Number: <i>Correspondence will using a fax number, f</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET	be sent to if provided : : :	the e-ma ; if that is (703) 413- corpassigr OBLON, E 1940 DUK ALEXAND 474 CAF /Car	<i>il address first; if that is unsuccessful, it will be</i> 3000 ments@oblon.com T AL. E STREET RIA, VIRGINIA 22314 125US RLA ASKEY				
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER	be sent to if provided : : :	the e-ma ; if that is (703) 413- corpassigr OBLON, E 1940 DUK ALEXAND 474 CAF /Car	<i>il address first; if that is unsuccessful, it will be</i> 3000 ments@oblon.com T AL. E STREET RIA, VIRGINIA 22314 125US RLA ASKEY Ia Askey/				
Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET IAME OF SUBMITTER GIGNATURE: DATE SIGNED:	be sent to if provided	the e-mail   if that is   (703) 413-   corpassign   OBLON, E   1940 DUK   ALEXAND   474   CAF   /Car   09/2   ed#page1.	<i>il address first; if that is unsuccessful, it will be</i> 3000 ments@oblon.com T AL. E STREET RIA, VIRGINIA 22314 125US RLA ASKEY Ia Askey/ 3/2019				

IP-A-2168

## ASSIGNMENT

WHEREAS, Toyota Jidosha Kabushiki Kaisha, a Japan corporation, having a place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, Japan 471-8571, is the exclusive owner, by assignment, of the application for letters patent Application No. 15/290,449, filed October 11, 2016; and issued as Letters Patent of the United States of America No. 10,232,722, on March 19, 2019; and

WHEREAS, Kabushiki Kaisha Toyota Chuo Kenkyusho, having a place of business at 41-1, Aza Yokomichi, Oaza Nagakute Nagakute-cho, Aichi-gun, Aichi-ken 480-1192 Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said Letters Patent;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledged, Toyota Jidosha Kabushiki Kaisha by these presents do sell, assign, and transfer unto ASSIGNEE the entire right, title and interest for the territory of the United States of America, in and to the aforesaid Letters Patent and the invention described therein, and any reissue or reissues of said Letters Patent to the full end of the term for which said Letters Patent have been granted or reissues may be granted, said invention and Letters Patent to be held and enjoyed by the ASSIGNEE for the use and behoof of said ASSIGNEE, and for the use and behoof of their successors, assigns or other legal representatives, and for claims for damage by reasons of infringement past and present, as fully and entirely as the same

## PATENT REEL: 050459 FRAME: 0814

● ● PROTECTED 関係者外秘

would have been held by Toyota Jidosha Kabushiki Kaisha had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, Toyota Jidosha Kabushiki Kaisha has caused these presents to be signed by its officer thereunto duly authorized.

TOYOTA JIDOSHA KABUSHIKI KAISHA

camper 10, 2019 By: Date: 6

r:<u>Kenyi Kawant</u> Name: KENJI KAWAGOE Title: General Manager IP Promotion Pept. IP Pir

PATENT

**REEL: 050459 FRAME: 0815**