503913612 07/13/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
Takashi KOJIMA	06/06/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	15209198			

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400
Email: email@oliff.com
Correspondent Name: JAMES A. OLIFF
Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	170466
NAME OF SUBMITTER:	VERN HYSLOP
SIGNATURE:	/Vern Hyslop/
DATE SIGNED:	07/13/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 503913612 REEL: 039330 FRAME: 0688

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	issert	(1)	Takashi KUJIMA		(2)	
(1-8)	Legal Name(s)	(3)			(4)	5
	of Inventor(s)	(5)	333333333333333333333333333333333333333		(6)	
		(7)			(8)	3,2000000000000000000000000000000000000
	V 25 AV &	the un		nd sufficiency of which	3 91°C	er good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to
(9)	insert Name of Assignce	(9)	AHROGIL ATOYOT	KABUSHIKI KAISH	A	
(16)	insert Address of Assignee	(10)	l, Toyota-cho, Toyo	ta shi, Aichi-ken, 471	-857	l Japan
		the en invent contin	lire right, title and inter- ion, and in all application	est for the United State ons for patent including bstitute and reissue ap	s of a g any plical	eirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, tion(s), and all Letters Patent, extensions, reissues invention known as
(11)	Insert Identification such as Title, Case	(11)	ON-BOARD	RECORDING	S	YSTEM
	Number, or Foreign Application Number	(Attor	ney Docket No.			filed on even date herewith or as
(12)	Alternative	(12)	U.S. Application Num	ber		
	Identification for			:eicecccccccccccccccccccccccccccccccccc		
	filed applications	filed				

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or recvamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF FLU the power to insert on this assignment any further identification that 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.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and an aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CPR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT REEL: 039330 FRAME: 0689 In witness whereof, executed by the undersigned on the date(s) apposite the undersigned name(s).

Date	June 6, 2016	Inventor Sign	sture <u>Jakashi Kojima</u> (SEAL)
neither	This assignment should preferably be signed to then it should be signed before at least two with	pefore: (a) a Not nesses who also	tary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. It sign here:
Date	June 6 2016	Witness	<u>AAwww</u>
Bate	June 6, 2016	Witness	Hasiie