PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5369346

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Satoshi KASAI	01/22/2019
Akihiro YAMADA	01/22/2019
Kazuma OTOGURO	01/22/2019
Akira NISHINO	01/22/2019

RECEIVING PARTY DATA

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City:	Toyota-shi, Aichi-ken	
State/Country:	/Country: Japan	
Postal Code:	stal Code: 471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16272199		

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.

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ATTORNEY DOCKET NUMBER: 185245 NAME OF SUBMITTER: VARSHA RAVICHANDRAN SIGNATURE: /Varsha Ravichandran/ **DATE SIGNED:** 02/11/2019

Total Attachments: 1

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PATENT REEL: 048293 FRAME: 0385 505322565

ASSIGNMENT

	Insert	(1)	Satoshi KASAI	(2)	Akihiro YAMADA		
(1-8)	Legal Name(s)	(3)	Kazuma OTOGURO	(4)	Akira NISHINO		
(2 0)	of Inventor(s)	(5)		(6)			
		(7)		(8)			
		In cons the und		ncy of which are	r good and valuable consideration paid to each o nereby acknowledged, each undersigned agrees t		
(9)	Insert Name of Assignee	(9)	TOYOTA JIDOSHA KABUSH	IIKI KAISHA			
(10)	Insert Address of Assignee	(10)	1, Toyota-cho, Toyota-shi, Aic	hi-ken, 471-857	Japan		
		the enti invention continu	pereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representative the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the evention, and in all applications for patent including any and all provisional, non-provisional, divisional continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissund reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification such as Title, Case	(11)	VEHICLE BODY ST	RUCTURE			
	Number, or Foreign Application Number	(Attorn	ey Docket No. 185245),	iled on even date herewith or as		
(12)	Alternative	(12)	J.S. Application Number	16/272,199			
	Identification for filed applications	filed	February 1	1, 2019	1 material (1)		
reexami resulting entire in this assi	A) Each undersigned agree nation a grant of a valid Uni 5) Each undersigned author the street agreement of the green said application(s) to the street agreement agreement is grantent is binding on Assign 6) Each undersigned here try or desirable in order to co	es to perforted States portzes and in the said Athat he or short and Assort grants the mply with	patent to the Assignee. requests the Commissioner of the ssignee, as Assignee of the entire has not executed, and will not signor's heirs, successors, assigner firm of OLIFF PLC the power	y be necessary to e U.S. Patent and e interest, and co e execute, any ag s and legal repre to insert on this tent and Tradem	obtain, maintain or confirm by reissue or Trademark Office to issue any and all patents venants that he or she has full right to convey the teement(s) in conflict herewith, and agrees that sentatives. Assignment any further identification that may back Office for recordation of this document.		
				a	۸		
Date	January 22, 20)19	Inventor Signature	Valor	hi Zasan (SEAL)		
Date	January 22, 20)19	Inventor Signature	Satoshi KASAI Akihiro YAMADA	1 1 1 010		
Date	January 22, 20)19	Inventor Signature	Kazum	a Otoguro (SEAL)		
Date	January 22, 20)19	Inventor Signature	Kazuma OTOGUR Akira Akira NISHINO	11 / 5		
Date			Inventor Signature	*** *********************************	(SEAL)		
Date	· · · · · · · · · · · · · · · · · · ·		Inventor Signature		(SEAL)		
Date			Inventor Signature		(SEAL)		
Date	MARTINE		Inventor Signature		(SEAL)		
neither,	This assignment should pre then it should be signed befo	ferably be ore at least	signed before: (a) a Notary Pub two witnesses who also sign he	lic if within the Ure:	J.S.A. (b) a U.S. Consul if outside the U.S.A. 1		
Date			Witness _				
-			NN// 4				

PATENT REEL: 048293 FRAME: 0386

RECORDED: 02/11/2019