PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gen NISHIDA	11/04/2014
Akira NISHINO	10/24/2014
Hideyuki TAKAHASHI	10/24/2014
Satoshi KASAI	10/24/2014
Daisuke NOGUCHI	10/24/2014

RECEIVING PARTY DATA

Name:	me: TOYOTA JIDOSHA KABUSHIKI KAISHA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14547790

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 163857

NAME OF SUBMITTER: COURTNEY FISHER

SIGNATURE: /Courtney Fisher/ for James A. Oliff

DATE SIGNED: 11/19/2014

Total Attachments: 2

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PATENT REEL: 034211 FRAME: 0663 source=163857_Assignment#page2.tif

PATENT REEL: 034211 FRAME: 0664

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

ASSIGNMENT

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	THREE	(x)	OCH MISHALAX	(4)	١.	Wang MOTHING
(1-8)	Legal Name(s)	(3)	Hideyaki TAKAHASHI	(4)		Satoshi KASAI
	of Inventor(s)	(5)	Daisuke NOGUCHI	(6)	,	
	·	(7)		(8)	;	
-		the un-		ency of which are		good and valuable consideration paid to each of ereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignce	(9) TOYOTA JIDOSHA KABUSHIKI KAISHA				
(10)	Insert Address of Assignce	(10)	1, Toyota-cho, Toyota-shi, A	ichi-ken 471-857	11,	Japan
		the ent invent contin and re-	ire right, title and interest for the ion, and in all applications for pa nation, international, substitute a examination certificates that may	United States of stent including an and reissue applica- be granted on the	An y a atio ne i	
(11)	Insert Identification such as Title, Case	(11)	VEHICLE BODY LOWER S	ECTION STRUC	711	URE
	Number, or Foreign Application Number	(Attor	ney Docket No. 163857), filed or	ន ខ	ven date herewith or as
(12)	Alternative	(12)	U.S. Application Number	14/547,790)	
	Identification for filed applications	filed	November 19, 2014			

- 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 doen necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or patents for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 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 reexamination 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 tepresentatives.
- 6) Each undersigned hereby grants the firm of OLDER & BEHANDER, PLC 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 am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §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: 034211 FRAME: 0665 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	November 4,2014	Inventor Signature	Con privile	(SEAL)
Date	Odubar 24 , 2014	Inventor Signature	Skain Profins	(SEAL)
Date	October 24. 2014	Inventor Signature	Hideuki Jakahashi	(SEAL)
Date	October 24 2014	Inventor Signature	Jatoshi Xasan	(SEAL)
Date	Ocrober 24. 2014	Inventor Signature	Daisake Projecti	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither,	This assignment should preferably be signed then it should be signed before at least two wi		die if within the U.S.A. (b) a U.S. Consul if outside there:	e U.S.A. H
Date		Witness		
Date		Witness		