PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4068349

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the ASSIGNEE'S ADDRESS previously recorded on Reel 039654 Frame 0830. Assignor(s) hereby confirms the ASSIGNEE'S ADDRESS.

CONVEYING PARTY DATA

Name	Execution Date
Daisuke KAMIKIHARA	06/24/2016
Shinji ICHIKAWA	06/24/2016

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
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State/Country:	JAPAN	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15118270

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.

703-836-6400 Phone: Email: email@oliff.com **Correspondent Name:** JAMES A. OLIFF

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ATTORNEY DOCKET NUMBER:	171728
NAME OF SUBMITTER:	SANDRADEE S. HARRIS
SIGNATURE: /Sandradee S. Harris/for James A. Oliff	
DATE SIGNED:	09/26/2016

Total Attachments: 3

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> **PATENT REEL: 040145 FRAME: 0440**

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PATENT REEL: 040145 FRAME: 0441

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4003159

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Daisuke KAMIKIHARA	06/24/2016
Shinji ICHIKAWA	06/24/2016

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
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State/Country:	Japan
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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15118270		

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	171728
NAME OF SUBMITTER:	SANDRADEE S. HARRIS
SIGNATURE:	/Sandradee S. Harris/for James A. Oliff
DATE SIGNED:	08/11/2016

Total Attachments: 2

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> PATENT REEL: 040145 FRAME: 0442

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

ASSIGNMENT

	Insert	(1) D	aisuke KAMIKIHARA	(2)	Shinji ICHIKAWA
(1-8)	Legal Name(s)	(3)		(4)	
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		the unders assign, and	gned, the receipt and sufficiency hereby does assign, transfer an	y of which are l d set over to	r good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9) T	DYOTA JIDOSHA KABUSHII	CI KAISHA	
(10)	Insert Address of Assignce	(10) 1,	Toyota-cho, Toyota-shi, Aichi	-ken, 471-8571	Japan
		the entire of invention, continuation	ight, title and interest for the Un and in all applications for patent	nited States of A t including any reissue applicat	cirs, successors, assigns and legal representatives, tmerica as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as
(11)	Insert Identification	(11) P	OWER RECEIVING DEVICE		
	such as Title, Case Number, or Foreign Application Number	P	CT/IB2015/000178	***************************************	
		(Attorney	Docket No. <u>171728</u>), !	filed on even date herewith or as
(12)	Alternative	(12) U.S	. Application Number 15/11	8,270	
	Identification for				
	filed applications	filed	August 11, 2016		

- 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
- 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 representatives.
- 6) Each undersigned hereby grants the firm of OLIFF 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	June	24	,2016	Inventor Signature	Doisuke	Kamikihara (SE	AL)
Date	June	24,	2016	Inventor Signature	Akinji	Ichihawa (se	AL)
neither				ed before: (a) a Notary Pu witnesses who also sign h		A. (b) a U.S. Consul if outside the U.S	.A. If
Date	June	24.	2016	Witness	Kirwak	<i>yuara</i>	<i></i>
Date			,	•	Taiga		