05/12/2016 503823260

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3869909

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Daisuke MIZUSHIMA	04/26/2016
Toshiaki MASUI	04/20/2016
Hironari ADACHI	04/26/2016
Hirofumi INOSHITA	04/26/2016

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address:	treet Address: 1, TOYOTA-CHO	
City:	City: TOYOTA-SHI, AICHI-KEN	
State/Country: JAPAN		
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15036120

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 **OLIFF PLC** Address Line 1:

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	170719
NAME OF SUBMITTER:	ANNALYNN H. STEIN
SIGNATURE: /Annalynn H. Stein/ for James A. Oliff	
DATE SIGNED:	05/12/2016

Total Attachments: 2

source=4176579 1#page1.tif source=4176579_1#page2.tif

> **PATENT REEL: 038689 FRAME: 0648** 503823260

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)	Daisuke MIZUSHIMA	(2)	Toshiaki MASUI
(1-8)	Legal Name(s)	(3)	Hironari ADACHI	(4)	Hirofumi INOSHITA
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		the un		icy of which are b	r good and valuable consideration paid to each of tereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	TOYOTA JIDOSHA KABUSH	iki kaisha	
(10)	Insert Address of Assignee	(10)	1, Toyota-cho, Toyota-shi, Aicl	hi-ken, 471-8571	Japan
		the en invent contin	tire right, title and interest for the Lion, and in all applications for pate	Inited States of A nt including any I reissue applicati	pirs, successors, assigns and legal representatives, merica as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, on(s), and all Letters Patent, extensions, reissues invention known as
(11)	Insert Identification such as Title, Case	(11)	METHOD OF MANUFACTUR	KING ASSEMBL	ED CONDUCTOR AND ELECTRIC MOTOR
	Number, or Foreign		PCT/IB2014/002516		
	Application Number	(Attor	ney Docket No), i	iled on even date herewith or as
(12)	Alternative Identification for	(12)	U.S. Application Number		
	filed applications	filed			

- 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.

PATENT REEL: 038689 FRAME: 0649 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	April 26, 2016	Inventor Signature	<u>Daisuke Migushima</u> (sen.)
Date	April 20, 2016	isventor Signature	<u> Pestistei Masui</u> (SEAL)
Date	April 36,2016	Inventor Signature	Hironari Odachi (SEAL)
Date	April 26,2016	Inventor Signature	Hirofung (SEAL)
neithes	This assignment should preferably be signed to then it should be signed before at least two with	sefore: (a) a Notary Pub nesses who also sign he	lic if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If re:
Date	April 26, 2016	Witness	<u>Zasuski Nishikuma</u>
Date	Apr:1 21, 2016	38//>	Žasvychi Hvrao