504205485 01/31/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroshi KITAMOTO	01/27/2017

RECEIVING PARTY DATA

Name:	Jtekt Corporation	
Street Address:	5-8, Minamisemba 3-Chome, Chuo-ku	
City:	Osaka-shi, Osaka	
State/Country:	Japan	
Postal Code:	542-8502	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15420669

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**

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ATTORNEY DOCKET NUMBER:	174535
NAME OF SUBMITTER:	STACY HAMPTON
SIGNATURE:	"/Stacy Hampton/"
DATE SIGNED:	01/31/2017

Total Attachments: 2

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> **PATENT** REEL: 041135 FRAME: 0227 504205485

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)	Hiroshi KITAMOTO	(2)	
(1-8)	Legal Name(s)	(3)		(4)	
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		the un		(\$1.00) and other good and valuable consideration paid to eace cy of which are hereby acknowledged, each undersigned agreed agreed to the control of the co	
(9)	Insert Name of Assignee	(9)	JTEKT CORPORATION		
(10)	Insert Address of Assignee	(10)	5-8, Minamisemba 3-Chome, Ch	huo-ku, Osaka-shi, Osaka 542-8502 Japan	
		the en invent contin	tire right, title and interest for the Ur ion, and in all applications for paten nation, international, substitute and	nd Assignee's heirs, successors, assigns and legal representat nited States of America as defined in 35 U.S.C. §100, in the it including any and all provisional, non-provisional, division reissue application(s), and all Letters Patent, extensions, reis e granted on the invention known as	ıal,
(11)	Insert Identification such as Title, Case	(11)	MOTOR CONTROL APPARAT	TUS AND POWER STEERING SYSTEM	
	Number, or Foreign Application Number	(Atto	ney Docket No. 1745), filed on even date herewith or as	
(12)	Alternative	(12)	U.S. Application Number	15/420,669	
	Identification for filed applications	filed	January 3	1, 2017	

- 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.
- 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 Jon	27, 2017 Inventor Signature I fixoshi Wit	tamato (SEAL)
Date	Inventor Signature	(SEAL)
	nt should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Co e signed before at least two witnesses who also sign here:	onsul if outside the U.S.A. If
Date	Witness	
Date	Witness	