PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4280138

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hidenobu TANAKA	02/13/2017
Yoshihito YOSHIHARA	02/13/2017

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:	15435621

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

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	174957
NAME OF SUBMITTER:	STACY HAMPTON
SIGNATURE:	"/Stacy Hampton/"
DATE SIGNED:	02/17/2017

Total Attachments: 2

source=174957 Assignment#page1.tif source=174957 Assignment#page2.tif

PATENT 504233461 REEL: 041285 FRAME: 0422

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)	Hidenobu TANAKA	(2)	Yoshinito YUSHIHARA
(1-8)	Legal Name(s)	(3)		(4)	
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		the unc		ncy of which are l	r good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	JTEKT CORPORATION		
(10)	Insert Address of Assignce	(10) 5-8, Minamisemba 3-Chome, Chuo-ku, Osaka-shi, Osaka 542-8502 Japan			
		the ent inventi contin	ire right, title and interest for the to on, and in all applications for pate	United States of A ent including any d reissue applicati	cirs, 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)	11) Insert Identification such as Title, Case Number, or Foreign	(11)	STEERING SYSTEM	JULIAN TAKEN	
, ,	Application Number	(Attor	ney Docket No. 17495	7), i	filed on even date herewith or as
()	Alternative	(12)	U.S. Application Number	15/435,62	1
	Identification for filed applications	filed	Februar	y 17, 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	Feb 13, 2017	Inventor Signature	Hidenobu Tanaka	(SEAL)
Date	Feb. 13, 2017	Inventor Signature	Hidenobu Tanaka Yoshihito Yoshihara	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date .		Inventor Signature		(SEAL)
neither,	This assignment should preferably be then it should be signed before at least		ic if within the U.S.A. (b) a U.S. Consul if outside:	e the U.S.A. If
Date .		Witness		
Date		Witness		