## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Junji MURATA	02/12/2019
Shigeo KAMAMOTO	02/12/2019
Yuki SHISHIHARA	02/12/2019

### **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:	16359648			

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 185165 NAME OF SUBMITTER: **CHARLES PACE** SIGNATURE: /Charles Pace/ **DATE SIGNED:** 03/20/2019

**Total Attachments: 2** 

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> **PATENT** REEL: 048652 FRAME: 0548

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# 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)	Junji MURATA	(2)	Shigeo KAMAMOTO	
(1-8)	Legal Name(s)	(3)	Yuki SHISHIHARA	(4)		
	of Inventor(s)	(5)		(6)		
		(7)		(8)		
		the un		cy of which are h	r good and valuable consideration paid to each of tereby acknowledged, each undersigned agrees to	
(9)	Insert Name of Assignee	(9) JTEKT CORPORATION				
(10)	Insert Address of Assignce	(10)	5-8, Minamisemba 3-Chome, C	huo-kù, Osaka-s	hi, Osaka 542-8502 Japan	
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	CAGE AND ROLLER ASSEM	BLY		
		(Attor	ney Docket No.	), i	iled on even date herewith or as	
(12)	Alternative	(12)	U.S. Application Number			
	Identification for filed applications	filed				
	appressions					

- 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 Assignce.
- 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 Assignce, 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: 048652 FRAME: 0549 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Tebruary 12,2019	Inventor Signature	Junji Murata	(SEAL)
Date	February 12, 2019	Inventor Signature	Shiger Kamamoto	(SEAL)
Date	February 12, 2019	Inventor Signature	Yuki Shishihara	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		. (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		c if within the U.S.A. (b) a U.S. Consul if outside the:	e U.S.A. If
Date		Witness	<u>.                                    </u>	
Date		Witness		

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