503119571 12/30/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
IATURE OF CONVEYAN	ICE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY DA	ΑΤΑ					
		Name	Execution D	ate		
Junji MURATA			12/11/2014			
Shigeo KAMAMOTO			12/11/2014			
RECEIVING PARTY DA	ТА					
Name:	JTEKT	Corporation				
Street Address:	5-8, Mir	namisemba 3-Chome, Chuo-ku				
City:	Osaka-	shi, Osaka				
State/Country:	Japan					
Postal Code:	542-8502					
PROPERTY NUMBERS Property Type	Total: 1	Number				
		14586459				
	e sent to	(703)836-2787 • the e-mail address first; if that is •; if that is unsuccessful, it will be •		t		
Phone: 703-836-6400						
		email@oliff.com				
		JAMES A. OLIFF				
		OLIFF PLC				
Address Line 2: P.O. BOX 320850						
Address Line 4:		ALEXANDRIA, VIRGINIA 22320-485	50			

ATTORNEY DOCKET NUMBER:	163971		
NAME OF SUBMITTER:	PATRICE N. DUNCAN		
SIGNATURE: /Patrice N. Duncan/			
DATE SIGNED:	12/30/2014		
Total Attachments: 1 source=12.30.14 163971 Assignment#page1.tif			

ASSIGNMENT

	Insert	(1)	Junji MURATA		(2)	Shigeo KAMAMOTO
(1-8)	Name(s)	(3)			(4)	
	of Inventor(s)	(5)			(6)	
		(7)			(8)	
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to				
(9)	Insert Name of Assignce	(9)	JTEKT CORPORATION			
(10)	Insert Address of Assignee	(10) 5-8, Minamisemba 3-Chome, Chuo-ku, Osaka-shi, Osaka 542-8502 Japan				
(11) Insert Identification such as Title, Case Number, or Foreign		the ent invent contin	ire right, title and interest for ion, and in all applications for nation, international, confirm ions, reissues and reexaminat	the United State patent including ation, substitute ion certificates the	s of A g any and P hat m	eirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, eissue application(s), and all Letters Patent, ay be granted on the invention known as a TRANSMISSION DEVICE
	Application Number	(Atto	mey Docket No. 1	53971)
		for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or				
(12)	Insert Date of Signing of Application	(12)	on			
(13)	Alternative Identification for	(13)	U.S. Application Number	<u> </u>	4/5	
	filed applications	filed	Decembe	r 30, 20	014	
	1) Each understand arre	er to ever	the all namers pecessary in c	onnection with a	anv a	oplication and/or patent for the invention and also

() Each undersigned agrees to execute an papers necessary in connection with any apprearion and/or patent i 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 which may be declared concerning any application or patents for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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 and other issuing authorities 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 has full right to convey the entire interest herein assigned, and that he 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 & BERRIDGE, PLCthe 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.

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

Date	December 11, 2014	Inventor Signature	Junji Murata	(SEAL)
Date	December 11, 2014	Inventor Signature	thiges Kamanoto	(SEAL)
Date		Inventor Signature	•	(SEAL)
Date		Inventor Signature		(SEAL)
Date	· · ·	Inventor Signature		(SEAL)
Date		Inventor Signature	- 	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
				T & D EY - 14 - 1

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here;

Date	 Witness	
Date	 Witness	

PATENT REEL: 034603 FRAME: 0646

RECORDED: 12/30/2014