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Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450					
P.O. Box 1450 Alexandria, VA 22313-1450 Attorney Docket No. <u>152278</u>					
Please record the attached document. Total number of pages including cover sheet, attachments, and document: 2					
 A. Name of conveying party: Takeshi UEDA B. Additional name(s) of conveying party(ics) attached Yes X No 	2. A. Name and address of receiving party: JTEKT CORPORATION 5-8, MINAMISEMBA 3-CHOME, CHUO-KU, OSAKA-SHI, OSAKA, 542-8502 JAPAN				
 3. A. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other	B. Additional name(s) & address(es) attached? □Yes ⊠ No				
 B. Execution No. 13/407,935 A. A. Patent Application No. 13/407,935 B. Patent No.(s) Additional numbers attached? □ Yes ⊠ No C. Title of Application: <u>ROTATION ANGLE DETECTION DEVICE AND TORQUE</u> <u>DETECTION DEVICE</u> 					
 5. Name and address of party to whom correspondence concerning document should be mailed: Name: James A. Oliff Address: OLINF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 	 <u>6.</u> Total number of applications and patents involved: 1 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461. 				
Fax Number: 703-836-2787	information is true and correct and any attached copy is a true copy of the Date: <u>February 29, 2012</u>				

ASSIGNMENT

		(1)			
(1-8)	Insert	(2) (6)			
	Name(s) of Inventor(s)	(3) (7)			
		(4) (8)			
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over 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			
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(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, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as (11) <u>ROTATION ANGLE DETECTION DEVICE AND TORQUE DETECTION DEVICE</u> (Attorney Docket No. <u>152278</u>)			
	white and the second	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	(12) on 02/13/2012			
	Application	-			
(13)	Alternative	(13) U.S. application Serial 13/407,935			
	Identification for filed applications	filed 02/29/2012			
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 Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignce 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 continuation or division thereof, or any patent or reissue application based thereon, 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 of similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by relssue 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 Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignce 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 agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDCE, 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.

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

Date	Feb. 13. 2012	Inventor Signature	Takeshi UEFA	(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)
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: 027780 FRAME: 0144

RECORDED: 02/29/2012