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Director and		TION FORM COVER SHEET PATENTS ONLY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	Idria, VA 22313-1450	Attorney Docket No. <u>158183</u>
	record the attached document.	
Total n	umber of pages including cover sheet, attachment	is, and document: 2
1. A,	Name of conveying party:	2. A. Name and address of receiving party:
B.	Kosuke YAMANAKA Additional name(s) of conveying party(ies) a	ttached? JTEKT CORPORATION 5-8, MINAMISEMBA 3-CHOME, CHUO-KU, OSAKA-SHI, OSAKA
	🗌 Yes 🖾 N	o 542-8502 JAPAN
3. A.	Nature of conveyance:	B. Additional name(s) & address(es) attached? □Yes ⊠ No
	Security Agreement Change of I	Name
] Other	
В.	Execution Date: <u>06/17/2013</u>	· · · · ·
4. A	Patent Application No. 13/979,199	B. Patent No.(s)
	Additional	numbers attached? 🗌 Yes 🛛 No
C.		ERING SYSTEM AND MANUFACTURING METHOD FOR ERING SYSTEM
	ame and address of party to whom correspondence	the 6. Total number of applications and patents involved: $\underline{1}$
ſ	Address: OLIFF & BERRIDGE, PLC P.O. Box 320850	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.
	Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787 Email: <u>email@oliff.com</u>	 Credit any overpayment or charge any underpayment to deposit account number 15-0461.
T. of	tatement and signature. To the best of my knowledge and belief the forego riginal document.	ing information is true and correct and any attached copy is a true copy of the Date: July 11, 2013
Ŕ	Joane T. Noel, Registration No. 63,004 odd M. Guise, Registration No. 46,748	

PATENT REEL: 030822 FRAME: 0413

ASSIGNMENT

(1.8) Insert Name(s) (2) (6) (3) (7) (4) (8) (7) (9) 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 Assignce (9) ITEKT Corporation (10) Insert Address of Assignce (10) 5-8, Minamisemba 3-Chome, Chuo-ku, Osaka-shi, Osaka 542-8502 Iapan (10) Insert it dadress of Assignce (10) 5-8, Minamisemba 3-Chome, Chuo-ku, Osaka-shi, Osaka 542-8502 Iapan (11) Insert (11) 5-8, Minamisemba 3-Chome, Chuo-ku, Osaka-shi, Osaka 542-8502 Iapan (12) Insert (11) VEHICLE STEERING SYSTEM AND MANUFACTURING METHOD FOR VEHICLE STEERING SYSTEM AND MANUFACTURING METHOD FOR VEHICLE STEERING SYSTEM (11) VEHICLE STEERING SYSTEM (Atomey Docket No. [158183] (12) Insert Date of Signing of Application (11) (13) Alternative Mumber (13) (14) U.S. application Serial Number [3/979,199] Identification for filed applications file July 11, 2013			(1) Kosuke	YAMANAKA	(5)	
of Inventor(s) (3)	(1-8)	Name(s)	(2)	······································		
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 Assignce (10) Insert Address of Assignce (10) Insert Address of Assignce (10) 5-8, Minamisemba 3-Chome, Chuo-ku, Osaka-shi, Osaka 542-8502 Japan (hereinalter designated as the Assignce) 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, confirmation, substitute and relissue application(s), and all Letters Patent, extensionals, reissues and reexamination certificates that may be granted on the invention known as (11) Insert (11) VEHICLE STEERING SYSTEM AND MANUFACTURING METHOD FOR VEHICLE STEERING SYSTEM Identification surth as Title, Case Number, or Foreign Application Number (Attorney Docket No. 158183) (12) Insert Date of Signing of Number (12) June 17, 2013) (13) Atternative Muther (13) U.S. explication Serial Number 13/979,199			(3)			•
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 (10) Assignce Insert Address of Assignce (9) <u>JTEKT Corporation</u> (10) <u>5-8, Minamisemba 3-Chome, Chuo-ku, Osaka 542-8502 Japan</u> (10) <u>5-8, Minamisemba 3-Chome, Chuo-ku, Osaka 542-8502 Japan</u> (10) <u>5-8, Minamisemba 3-Chome, Chuo-ku, Osaka 542-8502 Japan</u> (11) (11) (11) (12) (12) (12) (12) (12)			paid to each of the			
Assignce (10) <u>5-8, Minamisemba 3-Chome, Chuo-ku, Osaka 542-8502 Japan</u> (10) <u>5-8, Minamisemba 3-Chome, Chuo-ku, Osaka 542-8502 Japan</u> (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) Insert (11) VEHICLE STEERING SYSTEM AND MANUFACTURING METHOD FOR VEHICLE STEERING SYSTEM Identification such as Title, Case Number, or Foreign Application Number PCT/JP2012/052378 (12) Insert Date of Signing of Application (13) Alternative (13) Alternative (13) U.S. application Serial Number (13) Alternative (13) U.S. application Serial Number (13) Alternative (13) Figure 10, 2012	(9)		(9) JTEKT	Corporation		
(11) Insert (11) VEHICLE STEERING SYSTEM AND MANUFACTURING METHOD FOR veHicles The undersigned has (have) executed an application for patent in the United States of America (12) (12) Insert Date of Signing of Application (12) June 17, 2013 (13) Alternative (13) U.S. application Serial Number (13) Alternative (13) U.S. application Serial Number (13) Alternative (13) U.S. application Serial Number	(10)		(10) 5-8, Minamisemba 3-Chome, Chuo-ku, Osaka-shi, Osaka 542-8502 Japan			
Identification PCT/JP2012/052378 Number, or Foreign Application Number (Attorney Docket No. 158183 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 (13) Alternative (13) Alternative (13) Maternative (13) Lenative (13) Maternative (13) Lenative (13) Maternative (13) Lenative (13) U.S. application Serial Number 13/979,199	(11)	Insert	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, divis 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		Inited States of America as defined in 35 U.S.C. §100, in the nt including any and all provisional, non-provisional, divisional, substitute and reissue application(s), and all Letters Patent, ertificates that may be granted on the invention known as	
such as Title, Case PCT/JP2012/052378 Number, or Foreign Application Number (Attorney Docket No. 158183) for which the undersigned has (have) executed an application for patent in the United States of America) (12) Insert Date of Signing of (12) on June 17, 2013 Application (13) Alternative (13) Utantification for U.S. application Serial Number 13/979,199	,					_
Application Number (Attorney Docket No. 158183		such as Title, Case	PCT/JP	2012/052378		-
(12) Insert Date of Signing of (12) June 17, 2013 Application (13) Alternative (13) U.S. application Serial 13/979,199 Identification for Luke 11, 2012			(Attomey Dock	et No. <u>158183</u>))
Signing of (12) On June 17, 2013 (13) Alternative (13) U.S. application Serial Number 11, 2012					secuted an application for patent in the United States of America	
(13) Alternative (13) U.S. application Serial Number 13/979,199	(12)			June 17, 2013		
Number 13/979,199 Identification for Table 11, 2012		Application			ar er er ann 2007 - 2000 ann ann an e e an Affrikarhanna - Affrikarhan	•
	(13)	Alternative		application Serial	13/979,199	-
			filed	July 11, 2013		_

1) Bach undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or application and any patents in connection with any application and any continuing, division of 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 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 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 Letters Patents of the United States 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 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 & BERRIDGE, 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	June 17, 2013	Inventor Signature	_Kosuke	YAMANAKA		(SEAL)
Date		Inventor Signature				(SEAL)
Date		Inventor Signature				(SEAL)
Date		Inventor Signature			······	(SEAL)
Date		Inventor Signature				(SEAL)
Date		Inventor Signature				(SEAL)
Date	P	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: 030822 FRAME: 0414

RECORDED: 07/11/2013