

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Toshihiko SHIMA	06/17/2014
Akio NAKAMURA	06/17/2014
Kenji TAKAHASHI	06/22/2014
Shusuke INAGI	07/03/2014
Kentaro HIOKI	07/03/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JTEKT Corporation
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<b>City:</b>	Osaka-shi, Osaka
<b>State/Country:</b>	Japan
<b>Postal Code:</b>	542-8502
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14335482
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<b>ATTORNEY DOCKET NUMBER:</b>	162288
<b>NAME OF SUBMITTER:</b>	CAMERON ROGERS
<b>SIGNATURE:</b>	/Cameron Rogers/ for James A. Oliff
<b>DATE SIGNED:</b>	07/18/2014
<b>Total Attachments: 1</b>	

PATENT



# ASSIGNMENT

Insert	(1)	Toshihiko SHIMA	(2)	Akio NAKAMURA
(1-8) Name(s)	(3)	Kenji TAKAHASHI	(4)	Shusuke INAGI
of Inventor(s)	(5)	Kentaro HIOKI	(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 Assignee	(9)	JTEKT CORPORATION
(10) Insert Address of Assignee	(10)	5-8, Minamimemba 3-Chome, Chuo-ku, Osaka-shi, 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, 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 Identification such as Title, Case Number, or Foreign Application Number	(11)	VALVE UNIT
		(Attorney Docket No. 162288)

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
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(13) Alternative Identification for filed applications	(13)	U.S. Application Number 14/335,482
		filed JULY 18, 2014

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 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, PLLC 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, 2014	Inventor Signature	Toshihiko Shima	(SEAL)
Date	June 17, 2014	Inventor Signature	Akio Nakamura	(SEAL)
Date	June 22, 2014	Inventor Signature	Kenji Takahashi	(SEAL)
Date	July 3, 2014	Inventor Signature	Shusuke Inagi	(SEAL)
Date	July 3, 2014	Inventor Signature	Kentaro Hioki	(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	