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Please record the attached document.							
Tota	I number of pages including cover sheet, attachments, and docume	ent: 2					
1.	A. Name of conveying parties:	2. A. Name and address of receiving party:					
	 [1] Masahiro MATSUO [2] Yuko FUNAKUBO [3] Mitsuo YOSHIMOTO B. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 	KAWASAKI JUKOGYO KABUSHIKI KAISHA 1-1, HIGASHIKAWASAKI-CHO 3- CHOME, CHUO-KU, KOBE-SHI, HYOGO 650-8670 JAPAN					
3.	A. Nature of conveyance: Assignment	B. Additional name(s) & address(es) attached? ☐Yes ☑ No					
4.	A. Patent Application No. <u>13/980,673</u>	B. Patent No.					
	Additional numbers attac	hed? Yes No					
	C. Title of Application: <u>OIL IMMERSED SOLENOII</u>	2					
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1					
	Name: James A. Oliff 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: email@oliff.com	Credit any overpayment or charge any underpayment to deposit account number 15-0461.					
9.	Statement and signature. To the best of my knowledge and belief, the foregoing information original document. James A. Oliff, Registration No. 27,075 Roane T. Noel, Registration No. 63,004 Todd M. Guise, Registration No. 46,748	on is true and correct and any attached copy is a true copy of the Date: October 4, 2013					

PATENT REEL: 031378 FRAME: 0341

ASSIGNMENT

	Insert	(1)	Masahiro MATSUO	1	(2)	Yuko FUNAKUBO	
(1-8)	Legal Name(s)	(3)	Mitsuo YOSHIMOTO		(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)	9) Insert Name of Assignee		(9) KAWASAKI JUKOGYO KABUSHIKI KAISHA				
(10)	Insert Address of Assignee	(10)	(10) 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 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)	OIL IMMERSED SOLEN	4OID			
		(Attor	ney Docket No. 158262), f	iled on even date herewith or as	
(12)	Alternative	(12)	U.S. Application Number	13/980,673			
	Identification for filed applications	filed	July 19, 2013				

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 Assignee.

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 Assignee, 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 & 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	August 19, 2013	Inventor Signature	Masahiro Matsuo	(SEAL)
Date	August 19, 2013	Inventor Signature	Yuko Funakubo	(SEAL)
Date	August 19, 2013	Inventor Signature	Mitsuu Yoshimoto	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)

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