12.21.06	Mail Stop: Assignment Recordation Services 01-03-2007 U.S. DEPARTMENT OF COMMERCE Assignment Recordation Services 01-03-2007 Patent and Trademark Office P.O. Box 1450 103355696 103355696 Altorney Docket No. 130673	
2.2	Please record the attached original document or copy thereof.	
	1. A. Name of conveying party:	2. A. Name and address of receiving party:
	Katsushi HASHIZUME B. Additional name(s) of conveying party(ies) attached? ☐ Yes ⊠ No	TOYOTA JIDOSHA KABUSHIKI KAISHA 1, TOYOTA-CHO, TOYOTA-SHI AICHI-KEN 471-8571, JAPAN
	3. A. Nature of conveyance:	B. Additional name(s) & address(es) attached? □Yes ⊠ No
	Assignment Derger	
	Security Agreement Change of Name	
	 Other B. Execution Date: December 14, 2006 	11/630211
	B. Execution Date. <u>170001114, 2000</u>	
	4. 🖾 This document is being filed together with a new application.	
	A. Patent Application No.(s)	B. Patent No.(s)
	Additional numbers attached? 🔲 Yes 🛛 No	
	C. Title of Application: <u>REVERSE ROTATION DETECTOR FOR INTERNAL COMBUSTION ENGINE</u>	
	 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: $\underline{1}$
	Name: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00
2/26/2006 4 FC :802 1	GFREY1 00000129 11630211	B. Enclosed (Check No. <u>187627</u>)
	Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	 Credit any overpayment or charge any underpayment to deposit account number 15-0461.
	the original document. James A. Oliff Registration No. 27,075 Linda M. Saltiel Registration No. 51,122	nation is true and correct and any attached copy is a true copy of Date: <u>December 21, 2006</u>

PATENT REEL: 018718 FRAME: 0832

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

TOYOTA JIDOSHA KABUSHIKI KAISHA

(hereinafter referred to as "ASSIGNEE"), which has a business office at

1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan,

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

REVERSE ROTATION DETECTOR FOR INTERNAL COMBUSTION ENGINE

(File No.) for which I(we) have executed an application for a United States Letters Patent on December 14, 2006 . (Application Serial No._____ filed on _____.)

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.

3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1) Katsushi Hashisume Date: December 14, 2006

Witness: <u>Satoshi Ragashima</u> Date: December 14, 2006 Witness: <u>Tateki Takayama</u> Date: <u>December 14, 2006</u>

RECORDED: 12/21/2006

PATENT REEL: 018718 FRAME: 0833