Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	CORDATION FORM COVER SHEET PATENTS ONLY Attorney Docket No. 144802			
Please record the attached document.				
Total number of pages including cover sheet, attachments, and document: 2				
A. Name of conveying party: Yuki BISAIJI B. Additional name(s) of conveying part	2. A. Name and address of receiving party: TOYOTA JIDOSHA KABUSHIKI KAISHA 1, TOYOTA-CHO, TOYOTA-SHI, S ☒ No AICHI 471-8571 JAPAN			
3. A. Nature of conveyance: Assignment	B. Additional name(s) & address(es) attached? ☐ Yes ☒ No			
D. Execution Date: February 26, 2010	<u>) </u>			
4. A. Patent Application No.(s) 12/677,	B. Patent No.(s)			
Additional numbers attached? Yes No				
C. Title of Application: EXHAUST GAS PURIFICATION SYSTEM OF AN INTERNAL COMBUSTION ENGINE				
Name and address of party to whom corresp concerning document should be mailed:	ondence 6. Total number of applications and patents involved: 1			
Name: James A. Oliff	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.			
Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-48 Phone Number: 703-836-6400 Fax Number: 703-836-2787	8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.			
9. Statement and signature. To the best of my knowledge and felief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
James A. Oliff, Registration No. 27,075 Benjamin S. Prebyl, Registration No. 60,25	Date: March 11, 2010			

PATENT REEL: 024071 FRAME: 0435

ASSIGNMENT

		(1) WINDOWN	
<i>(</i> 1.0)	. .	(1) Yuki BISAIJI (5)	
(1-8)	Insert Name(s)	(2) (6)	 _
	of Inventor(s)	(3)	
		(4) (8)	
		In consideration of the sum of one dollar (\$1.00) and other good and paid to each of the undersigned, each undersigned agrees to assign, and hereby do set over to	valuable consideration es assign, transfer and
(9)	Insert Name of Assignee	(9) <u>TOYOTA JIDOSHA KABU</u> SHIKI KAISHA	
(10) Insert Address of Assignee	Insert Address of		
	(10) 1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan		
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and the entire right, title and interest for the United States of America as defined in 35 U. invention, and in all applications for patent including any and all provisional, non-precontinuation, international, confirmation, substitute and reissue application(s), and all extensions, reissues and reexamination certificates that may be granted on the invention	S.C. §100, in the ovisional, all Letters Patent
(11)	Insert Identification	(11) Exhaust Gas Purification System of an Internal Combustion Engin	ıe
	such as Title, Case		•
	Number, or Foreign Application Number	(Attorney Docket No. 144802	
	Whiteamon Manifes		
		for which the undersigned has (have) executed an application for patent in the Uni on even date herewith or	ted States of America
(12)	Insert Date of		
	Signing of	(12) on	
	Application		
(13)	Alternative	(13) U.S. application Serial 12/677 711	
	Identification for	Number 12/0//,/11	
	filed applications	filed March 11, 2010	
any app the Assi claims of reexami Patents of full righ and agre identific	2) Each undersigned agrilication or continuation or dignee in every way possible 3) Each undersigned agrilication of the internation of the Internation agrant of a valid Un. 5) Each undersigned autloof the United States resulting to convey the entire interests that this assignment is been that this assignment is been that the undersigned here attended to the undersigned here.	rees to execute all papers necessary in connection with any interference which may be of division thereof, or any patent or reissue application based thereon, for the invention, a in obtaining evidence and going forward with such interference, ees to execute all papers and documents and perform any act which may be necessary in ional Convention for Protection of Industrial Property or similar agreements, ees to perform all affirmative acts which may be necessary to obtain, maintain or conflicted States patent to the Assignee. Therefore, and requests the Commissioner of the U.S. Patent and Trademark Office to issue from said application(s) to the said Assignee, as Assignee of the entire interest, and is therein assigned, and that he has not executed, and will not execute, any agreements inding on him and his heirs, successors, assigns and legal representatives, eby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment of or desirable in order to comply with the rules of the United States Patent and Trademark or desirable in order to comply with the rules of the United States Patent and Trademark or desirable in order to comply with the rules of the United States Patent and Trademark or desirable in order to comply with the rules of the United States Patent and Trademark or desirable in order to comply with the rules of the United States Patent and Trademark or desirable in the complex or desirable in order to comply with the rules of the United States Patent and Trademark or desirable in the complex or desirable in order to comply with the rules of the United States Patent and Trademark or desirable in the complex or desirable in order to complex with the rules of the United States Patent and Trademark or desirable in the complex or desirable in order to complex or desirable in the complex or	declared concerning and to cooperate with in connection with irm by reissue or ue any and all Letters covenants that he has in conflict herewith,
	In witness whereof, execu	ated by the undersigned on the date(s) opposite the undersigned name(s).	
Date _	Feb. 26, 201	Inventor Signature Juku Bleaugur Yuki BISAUI	(SEAL)
Date .		Inventor Signature	(SEAL)
Date .		Inventor Signature	(SEAL)
Date _		Inventor Signature	(SEAL)
If naithe	This assignment should pre	eferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if	
		refore at least two witnesses who also sign here:	
Date	Tol 21 2010	Witness Modetaka Juse Witness March Yakaka di	
rait	TEB . 20, 2010	Witness March I all all a land	

RECORDED: 03/11/2010 FATENT REEL: 024071 FRAME: 0436