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U.S DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Masanobu KANAMARU TOYOTA JIDOSHA KABUSHIKI KAISHA 5-14-02 Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Additional name(s) of conveying party(ies) attached? 

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name □ Other Execution Date: 03/11/02 Additional name(s) and address(es) attached? \(\pright)\)Yes \(\bigsim\)No. 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 10/088,508 Additional numbers attached? 

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. C. Irvin McClelland Name of Person Signing Surinder Sachar Registration No. 34,423 Registration Number: 21,124 notal number of pages including this cover sheet: 2 05/11/2002 LMUELLER 00000204 10088508 40.00 Do not detach this portion 01 FC:581 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks **Box Assignments** Washington, D.C. 20231

> PATENT REEL: 012897 FRAME: 0385

## **U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert ASSIGNEE's Name(s)	TOYOTA JIDOSHA KABUSHIKI KAISHA  1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan		
Address(es))			
(Title of Invention)	(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  APPARATUS FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE		
	relating to International Patent Applica of the United States was executed on e	tion PCT/JP 00 / 06677 wen date herewith or, if not so execute	and/or for which application for Letters Patented, was:
Insert date of execution of application, oncurrent)	(a) executed on		eby authorized to insert in (b) the specified
	and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").		
	ASSIGNEE, to do all acts which the All enforcing protection for said invention, said Letters Patent(s), in any interferent proceeding which may arise or be declared.	SSIGNEE may deem necessary, desiration and prostoce, reissue, reexamination, or public ured in relation to same, such acts to it	d without charge to but at the expense of said able or expedient, for securing, maintaining and secution of said application(s) and the issuance of use proceeding, and in any litigation or other legal include but not be limited to executing all papers, widing sworn testimony, and obtaining and
	IN WITNESS WHEREOF, t	he undersigned inventor(s) has (have	) affixed his/her/their signature(s).
(Signatures)	1) Maxmolin Kanamani (SIGNATURE)	Masanobu Kanamaru (TYPE NAME)	March 11, 2002 (DATE)
	2)(SIGNATURE)	(TYPE NAME)	(DATE)
	3)(SIGNATURE)	(TYPE NAME)	(DATE)
	4)(SIGNATURE)	(TYPE NAME)	(DATE)
	5) (SIGNATURE)	(TYPE NAME)	(DATE)
	6)(SIGNATURE)	(TYPE NAME)	(DATE)
	7)(SIGNATURE)	(TYPE NAME)	(DATE)

(TYPE NAME)

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(DATE)

**RECORDED: 05/14/2002** 

(SIGNATURE)