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To the Director of the U.S. Patent and 1 rade	mark Office: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Hideki TAKUBO	MITSUBISHI DENKI KABUSHIKI KAISHA
	7-3, Marunouchi 2-cheme
	Chiyoda-ku, Tokyo 100-8310
	175
	<del> </del>
Additional name(s) of conveying party(ies) attached?  Yes	3 M No
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Execution Date: December 20, 2005  4. Application number(s) or patent number(s):	Additional name(s) & address(es) attached?  Yes  No
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	ew application, the execution date of the application is: December 20, 2005
A. Patent Application No.(s)	B. Patent No.(s)
Not Yet Assigned	Unknown
Additional 1	numbers attached? ☐ Yes ☑ No
5. Name and address of party to whom corresponde	ence 6. Total number of applications and patents involved:
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SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00  ☑ Enclosed.
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1 1 ( 62,4	January 12, 2006
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**PATENT** 

**REEL: 017469 FRAME: 0603** 

## **ASSIGNMENT**

	In consideration of the sum of One Dollar (\$1.00), and other good and valuable deration, the receipt of which is hereby acknowledged, the undersigned,eki TAKUBO		
	by sells, assigns and transfers to		
	MITSUBISHI DENKI KABUSHIKI KAISHA of 7-3, Marunouchi 2- chome, Chiyoda-ku, TOKYO 100-8310 JAPAN		
(here in an	inafter called the Assignee), its successors and assigns, the entire right, title, and interest d to:		
(i)	the application for United States Letters Patent entitled CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE		
	which was executed by the undersigned on the date indicated below or was filed on and accorded Serial No (hereinafter called the Application);		
(ii)	any and all inventions and improvements which are described in the Application;		
(iii)	any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);		
(iv)	any and all divisions, continuations, substitutes, reexaminations, reissues, or extension of the Application or Patent; and		
(v)	all benefits under the International Convention for the Protection of Industrial Property		
Lette Assig	Said Assignee of said patent application and the attorneys appointed to prosecute said application are authorized to insert in this instrument the filing date and serial number dapplication.  The Commissioner of Patents and Trademarks is authorized to issue any and all of said as Patent, when granted, to said Assignee.  Further, it is agreed that, when requested, without charge to but at the expense of said gnee, the undersigned will execute all divisional, continuing, substitute, or reissue patent cations; execute all additional assignments and other writings, including reexamination as; and provide all reasonable assistance requested by the Assignee to secure and maintain opriate patent protection.  DATE		
	entor(s):  deki TAKUBO) Hideki Jakubo Dec. 20, 2005		

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