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128.03	Attorney Docket No. 117448
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B. Additional name(s) of conveying party(ies) attached?  ☐ Yes ☒ No	
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B. Execution Date: All-November 27, 2003	
A. If this document is being filed together with a new ap	pplication, the execution date of the application is: All-November 27,
B. Patent Application No.(s)	C. Patent No.(s)
Additional numbers a	attached?  Yes No
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	7. A. Total fee (37 CFR 3.41)\$ 40.00
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The and	Date: <u>December 8, 2003</u>
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Total number of page	es including cover sheet, attachments, and document: 2

**REEL: 014777 FRAME: 0751** 

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		(1) <u>Hai</u>	ruiumi MUIO	(3)	
(1-8)	Insert	(2) <u>Dai</u>	isuke KOBAYASHI	(6)	
	Name(s) of Inventor(s)	(3)		(7)	
		(4)		(8)	
				ne dollar (\$1.00) and other good and va signed agrees to assign, and hereby doe	
(9)	Insert Name of Assignee	(9) TO	YOTA JIDOSHA KABUSI	łiki Kaisha	
(10)	Insert Address of Assignee		Γoyota-cho, Toyota-shi, Aic		
		. ,		-	
		the entire ri invention, a divisional, o	ght, title and interest for the and in all applications for pa- continuation, substitute, and	and Assignee's heirs, successors, assigns United States of America as defined in atent including any and all provisional, dreissue application(s), and all Letters that may be granted on the invention k	n 35 U.S.C. §100, in the mon-provisional, Patent, extensions.
(11)	Insert	(11)	NTAKE AIR AMOUN	T ESTIMATION APPARATUS	AND METHOD FOR
•	Identification such as Title, Case	I	NTERNAL COMBUST	ION ENGINE	
•	Number, or Foreign Application Number	(Attorney D	Oocket No.		)
			ne undersigned has (have) e e herewith or	xecuted an application for patent in the	United States of America
(12)	Insert Date of Signing of	(12) on			
	Application	. ,			
(13)	Alternative	(13) U.S.	application Serial Number		
	Identification for filed applications	filed			
reexami	ignee in every way possible:  3) Each undersigned agree or provisions of the Internati  4) Each undersigned agree ination a grant of a valid Uni 5) Each undersigned autho id application(s) to the said assigned, and that he has not on him and his heirs, succes 6) Each undersigned hereb	in obtaining evists to execute all onal Conventions to perform all ited States pater orizes and reque Assignee, as Asexecuted, and ssors, assigns apply grants the firm	idence and going forward w papers and documents and in for Protection of Industrial affirmative acts which man in to the Assignee. ests the Director of Patents ssignee of the entire interest will not execute, any agree ind legal representatives. m of OLIFF & BERRIDGE,	plication based thereon, for the invention with such interference.  perform any act which may be necessared Property or similar agreements. By be necessary to obtain, maintain or control in the same and all Letters Patents of the standard covenants that he has full right to ments in conflict herewith, and agrees the place the power to insert on this assignments of the United States Patent and Transport in the same and	onfirm by reissue or the United States resulting convey the entire interest that this assignment is
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Date	November 27,			Harufumi Muto	(SEAL)
Date	Novmeber 27,	2003	Inventor Signature	Douse Kobayashi	(SEAL)
Date			Inventor Signature		
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neither,	This assignment should pre then it should be signed before	ferably be signered at least two	witnesses who also sign he		
Date	November 27,	2003	Witness _	(Masatomo Yoshihar	a
Date	November 27,	2003	Witness	Masatono Yoshihar Juji miyanoo	

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