U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595 06-04

To the Director of the United States Patent and Trademark Office. Please 1

ached original documents or copy thereof.

Name of conveying party(ies): Hiroyuki OGAWA		2. Name and address of receiving party(ies): Name: TOYOTA JIDOSHA KABUSHIKI KAISHA				
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No			Toyota-shi, Aichi-ken, 471-8	3571 Japan	oan 3.S.⊃	
3. Nature of Conveyance:					7364	
■ Assignment □ Merger □ Security Agreement □ Change o □ Other	f Name	ŧ.			± + = = = = = = = = = = = = = = = = = =	
Execution Date: December 12, 2005		Additional name(s) and address(es) attached? ☐ Yes ■ No				
4. Application number(s) or patent number(s):						
■ This document is being filed together with	a new application					
A. Patent Application No.(s)			B. Patent No.(s)			
Addi	tional numbers attache	 d? □ Ye	es No			
5. Name and address of party to whom correspondence concerning document should be mailed: Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220		6. Total	applications and p	eatents involved: 1		
		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)
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9. Statement and signature						
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Name of Person Signing	Signature			Date		
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PATENT REEL: 017408 FRAME: 0238

Assignment of Application

	, respe
have invented certain new and useful improvements in: Vehicle Control Apparatus	
(Application No, filed	
WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA	

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: _	December 12, 2005	(Signature of Inventor) Hiroyuki OGAWA
		(Signature of Inventor) Hiroyuki OGAWA
Date:		
		(Signature of Inventor)
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		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		
_		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

12/04

RECORDED: 12/22/2005

PATENT REEL: 017408 FRAME: 0240