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Masahiko WAKAIRO		-chome chome Japan 20
	HITACHI, LTD. 6-6, Marunouchi 1 Chiyoda-ku, Tokyo	-chome 60 0 Japan 75 75382
Additional conveying party(ies) NO		
3. Nature of conveyance: ASSIGNMENT		
Execution Date: October 21, 2004	Additional name(s) & addr	ress(es) attached? NO
4. Application number(s) or patent number(s):		
If this is being filed together with a new application	n, the execution date of the applicatio	n is: October 21, 2004
A. Patent Application Number(s):	B. Patent Numbe	er(s):
Addit	ional numbers attached? NO	
5. Name and address of party to whom correspond		ations/patents involved: 1
concerning document should be mailed:	7. Total fee (37 C.F.R. § 3	
Pavan K. Agarwal FOLEY & LARDNER LLP	∑ Check Enclosed	
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Washington, D.C. 20007-5143	8. Deposit account numb	er: <b>19-0741</b>
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## ASSIGNMENT

· ·	For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto		
name and . address of	Hitachi, Ltd., 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, JAPAN		
assignee	(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to		
title of invention	ELECTRONIC CONTROL APPARATUS FOR VEHICLE AND CONTROL METHOD FOR VEHICLE		
	as set forth in his United States Patent Application		
check one	axecuted concurrently herewith		
	executed on		
	Serial No. Filed		

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full and of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS			
Name: Masahiko WAKAIRO	Signature: massfeited Wafarro	Date: 10/21/04	
Name:	Signature:	Date:	
Name:	Signature:	Date:	
Name:	Signature:	Dete:	
NAMES AND SIGNATURES OF WITNESSES			
Name: Tatsuo SHIMAZAKI	Signature: Signature: 10 ine ko Endo	Date:10/21/04	
Name; Hiroko ENDO	Signature: Oiroko Endo	Date: 10/21/04	

Note: Prime facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

## PATENT REEL: 015987 FRAME: 0084

**RECORDED: 11/12/2004**