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102486589 Attorney Docket No. 12-032				
To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): (1) Motohiko UEDA (2) Yasuo TABUCHI (3) Minoru MERA (4) Taku ADANIYA (5) Tomoharu ARAI Additional name(s) of conveying party(ies) attached? Assignment Merger				
Other Execution Date(s):(1)-(5): April 4, 2003	Kariya-city, Aichi-ken 448-8671 JAPAN Additional name(s) & address(es) attached? Yes X No			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution. A. Patent Application No.(s) 10/402,238 Additional numbers	B. Patent No.(s)			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: James E. Barlow Internal Address: Street Address: Posz & Bethards, PLC 11250 Roger Bacon Drive, Suite 10 City: Reston State: VA Zip: 20190	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ 40 8. Deposit account number: 50-1147 (Attach duplicate copy of this page if paying by deposit account)			
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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. James E. Barlow (Reg. No. 32,377) Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 2				

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

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U.S. ASSIGNMENT

	the undersigned inventor(s) (hereinafter "A		er good and valuable consideration paid to		
(Insert	1) DENSO CORPORATION				
ASSIGNEE's Name(s)	1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN				
Address(es))	2) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI				
	2-1, Toyoda-cho, Kariya-shi, Aichi-ken, 448-8671, Japan				
(Title of Invention)	(hereinafter "ASSIGNEE"), the receipt of transfers to ASSIGNEE the entire and compression provided wi	exclusive right, title and interest to t	e undersigned ASSIGNOR hereby sells, assigns he invention entitled	and	
	relating to International Patent Applicat of the United States was executed on ev		and/or for which application for Letters P	'atent	
(Insert date	(a) executed on	; Posz & Bethards	, PLC: Reston, VA 20190		
of execution of application,	(b) filed on March 31, 2003 Serial No/	U.S.A.	reby authorized to insert in (b) the specified	-	
if not concurrent)	Serial No. /	data, when known.			
	ASSIGNEE, to do all acts which the AS enforcing protection for said invention, said Letters Patent(s), in any interferent proceeding which may arise or be declar including separate assignments and declar producing evidence.	SIGNEE may deem necessary, desir- including in the preparation and pro- ce, reissue, reexamination, or public red in relation to same, such acts to	and without charge to but at the expense of said rable or expedient, for securing, maintaining an secution of said application(s) and the issuance use proceeding, and in any litigation or other is include but not be limited to executing all paper oviding sworn testimony, and obtaining and	id e of egal	
(Signatures)	motohiko Ueda 1) (SIGNATURE) Yasur Tabuchi 2) (SIGNATURE)	Motohiko Ueda	April 4, 2003		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	yasur Jabuchi	Yasuo Tabuchi	April 4, 2003		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	3) Minoru Mera	Minoru Mera	April 4, 2003		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	4 Haku adaniya	Taku Adaniya	April 4, 2003		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	of Tomohara arai	Tomoharu Arai	April 4, 2003		
	(SIGNATURE)	(TYPE NAME)	(DATÉ)		
	6)(SIGNATURE)	(TYPE NAME)	(DATE)		
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