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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or conv thereof

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**PAT** 

To the Honorable Commissioner of Patents and Trademarks. Please	record the attached original documents or copy thereof.	
1. Name of conveying party(ies):  Kazuyuki SHIIBA; Tomokazu INAGAWA; Yoji TAKANAMI; Yoshikazu TANAKA; Hideo TOMOMATSU; Yoshio ITO; Teru KONISHI; and Masao KAWAI  Additional name(s) of conveying party(ies) attached? □Yes ☒No  3. Nature of Conveyance:	2. Name and address of receiving party(ies):  1. TOYOTA JIDOSHA KABUSHIKI  Name: KAISHA 2. AISIN AW CO., LTD.  Address: 1. 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan 2. 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan	
Execution Date: October 16, 2001	Additional name(s) and address(es) attached? ☐Yes ⊠No	
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  B. Patent No.(s)		
A. Patent Application No.(s)	B. Faterit No.(s)	
09/973,770		
Additional numbers attached? □Yes ⊠No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved:	
22850	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  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.  Marvin J. Spivak  Name of Person Signing  Name of Person Signing  Registration Number: 24,913  Total number of pages including this cover sheet: 3		
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(721/2001 United to Washington, 40.00 0P) Washington,	D.C. 20231	

PATENT REEL: 012313 FRAME: 0157

	WHEREAS, I (WE) Kazuyuki Shiiba, Tomokazu Inagawa, Yoji Takanami,		
INSERT NAMES	Yoshikazu Tanaka, Hideo Tomomatsu, Yoshio Ito, Teru Konishi and		
AND RESIDENCE ADDRESSES OF THE INVENTORS:	Masao Kawai of Susono-shi, Shizuoka-ken, Japan, Toyota-shi, Aichi-ken,		
	Japan, Anjo-shi, Aichi-ken, Japan, Toyota-shi, Aichi-ken, Japan,		
	Nagoya-shi, Aichi-ken, Japan, Susono-shi, Shizuoka-ken, Japan, Okazaki-shi, Aichi-ken, Japan and Chiryu-shi, Aichi-ken, Japan		
	, respectively,		
INSERT TITLE OF INVENTION:	have invented certain new and useful improvements in: VEHICULAR SHIFT CONTROL UNIT		
	AND VEHICULAR AUTOMATIC SHIFT CONTROL METHOD ,		
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an application for Letters Patent was executed on		
	(Application No. 09/973,770 , filed October 11, 2001 ), and TOYOTA JIDOSHA KABUSHIKI KAISHA and		
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:	WHEREAS, AISIN AW CO., LTD.		
	(hereinafter referred to as "ASSIGNEE") having a place of business at:  1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan and  10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan  10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan		
	10, Takane, Fujii-cho, Anjo-shi, Alchi-ken, 441 in the said invention and in and to any 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.

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**PATENT** REEL: 012313 FRAME: 0158 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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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: October 16, 2001	(Signature of inventor) Kazuyuki SHIIBA
Date. Second 197	
Date: October 16, 2001	Jonokayu Inagawa (Signature of Inventor) Tomokazu INAGAWA
Date: October 16, 2001	Yoji Takanami
Date: Goedone 1.07	(Signature of Inventor) YOJI TAKANAMI
Date: October 16, 2001	Joshikazu Panaka (Signature of Inventor) Yoshikazu TANAKA
Date: October 16, 2001	Chiles Fromornicto (Signature of Inventor) Hideo TOMOMATSU
Date: October 16, 2001	(Signature di Inventor) Yoshio ITO
Date: October 16, 2001	Jeru Henrichi (Signature of Inventor) Teru KONISHI
Date: October 16, 2001	Masao Kawai  (Signature of Inventor) Masao KAWAI

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

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PATENT REEL: 012313 FRAME: 0159