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Takaji MURAKAWA				
Tetsuji KOZAKI	City: Kariya-city, Aichi-pref.			
	State/Country: Japan Zip: 448-8661			
Additional name/s of conveying party/ies attached?	(2) Name:			
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Execution Date: August 17, August 17, August 17.	Additional name/s & address/es attached? Yes No			
<i>b</i>				
2005, respectively				
4. Application number(s) or patent number(s):	s application is being filed together with a new application.			
A. Patent Application No(s).	B. Patent No(s).			
(1) 11/207,195	, /			
	(1)			
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(3)	(3)			
Additional numbers at	tached Tyes No			
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved: 1			
concerning document should be mailed:				
l l l l l l l l l l l l l l l l l l l	7. Total fee (37 CFR 3.41) \$ 40.00			
Name: Larry S. Nixon				
Name: Larry S. Nixon	Enclosed			
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	8. The Commissioner is hereby authorized to charge any			
Street Address: Nixon & Vanderhye P.C.	<u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which			
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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.				
of the original document.				
$\langle V \rangle$				
Larry S. Nixon October 18, 2005				
Name of Person Signing	nature Date			
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ASSIGNMENT OF PATENT APPLICATION

(Inventors)	1) Nobuyori NAKAJIMA	
	2) Takaji MURAKAWA	
	3) Tetsuji KOZAKI	
	4)	
	5)	
	6)	

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Address)

DENSO CORPORATION a corporation of Japan having a place of business at 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) (Title)

in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as

DOWNSHIFT CONTROL FOR AUTOMOTIVE AUTOMATIC TRANSMISSION

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on August 17, 2005 or has already filed in U.S. applin. Serial No. , filed on August 19, 2005 . The undersigned asknowledges an obligation of assignment of this invention to said

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

PATENT REEL: 017103 FRAME: 0202 In witness whereof, executed by the undersigned o the date(s) opposite the undersigned signature(s).

Date August 17, 2005	Signature of inventor	Nobuyori Nakajima Nobuyori Nakajima
Date August 17, 2005	Signature of inventor	Jahati Murahawa Takaji Murakawa
Date August 17, 2005	Signature of inventor	Tetsuji Kozahi Tetsuji Kozaki
Date	Signature of inventor	
Date	Signature of inventor	
Date	Signature of inventor	
Witnessed by: <u>Hidanol</u>	Lu muto	Date
Witnessed by: Takeshi'	Harada	V
Witnessed by: Jatunya	Oke	Date <u>August</u> 17. 2005.
Witnessed by:		Date

RECORDED: 10/18/2005

PATENT REEL: 017103 FRAME: 0203