Director of the U.S. Patent and Trademark Office Box Assignments

06-24-2002

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102132837 Washington, D.C. 20231

Attorney Docket No.

111909

Parese sou me		Т	the Director of the U.S. Patent and Trademark Office:	Please	recor	rd the attached original document or copy thereof.				
	1.	A.	Name of conveying parties: 1. Masahiro HAYABUCHI 2. Masaaki NISHIDA 3. Hiroshi TSUTSUI 4. Kouichi KOJIMA 5. Yutaka TERAOKA 6. Nobuhiro IWAI 7. Kiyoshi AKUTSU Additional name(s) of conveying party(ies) attached? □ Yes ⋈ No	2.	A.	Name and address of receiving party: AISIN AW CO., LTD. 10, TAKANE, FUJII-CHO, ANJO-SHI AICHI-KEN, 444-1192, JAPAN				
	3.	Α.	Nature of conveyance:		В.	Additional name(s) & address(es) attached? ☐ Yes ☒ No				
		\boxtimes	Assignment Merger							
			Security Agreement Change of Name							
			Other							
		B.	Execution Date: 1, 3, 5 and 7: May 31, 2002; 2: June 3, 2002; 4 and 6: April 30, 2002.							
	4.	Α.	If this document is being filed together with a new app	plication, the execution date of the application is:						
	B. Patent Application No. 10/119,693				C. Patent No.(s)					
			Additional numbers at	tached? 🔲 Yes 🖾 No						
	Name and address of party to whom correspondence concerning document should be mailed:					tal number of applications and patents involved: 1				
		Na	ame: James A. Oliff	7.	Α.	Total fee (37 CFR 3.41)\$ 40.00				
					В.	Enclosed (Check No. <u>131634</u>)				
	Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320					Credit any overpayment or charge any underpayment to deposit account number 15-0461.				
06/21/2002 G	ON1	1 (00000128 10119693							
01 FC:581			40.00 BP		-					
	9.	To	the best of my knowledge and belief, the foregoing infor original document.	mation	ı is tr	ue and correct and any attached copy is a true copy of				
			nes A. Oliff, Registration No. 27,075 btt M. Schulte, Registration No. 44,325	Date: <u>June 18, 2002</u>						
			Total number of pages	includ	ling c	cover sheet, attachments, and document: 2				

PATENT REEL: 013004 FRAME: 0897

ASSIGNMENT

(1-8)		(1)	Masahiro HAYABUCHI	(5)	Tutaka TEF	RAOKA				
(1 0)	Insert	(2)	Masaaki NISHIDA	(6)	Nobuhiro IV	WAI				
	Name(s) of Inventor(s)	(3) _	Hiroshi TSUTSUI	(7)	Kiyoshi AK	UTSU				
			consideration of the sum of one dof the undersigned, each undersign	ollar (\$1.00)	and other goo	d and valuable cons	ideration paid			
(9)	Insert Name of Assignee	(9)	AISIN AW CO., LTD.							
(10)	Insert Address of Assignee		10, Takane, Fujii-cho, Anjo-shi,							
		the entir inventio division	fter designated as the Assignee) are right, title and interest for the Un, and in all applications for paten al, continuation, substitute, and re and reexamination certificates tha	nited States of t including a issue applica	of America as only and all protion(s), and all	defined in 35 U.S.C visional, non-provis l Letters Patent, exte	§100, in the ional,			
(11)	Insert Identification such as Title, Case	(11) SPEED-CHANGE CONTROL APPARATUS FOR AUTOMATIC TRANSMISSION								
	Number, or Foreign Application Number	(Attorne	ey Docket No. 111909	· · · · · ·						
			th the undersigned has (have) exec date herewith or	uted an appl	ication for pate	ent in the United Sta	ites of America			
(12)	Insert Date of Signing of		1,3,5&7: May 31,	2002 4&6:	April 30), 2002				
	Application	(4.0)	II O The Contain New L	10/119.	693					
(13)	Alternative	1121	U.S. anniication Serial Sillmisee							
		filed es to execut on, and any	U.S. application Serial Number April 11, 2002 e all papers necessary in connection patent(s) issuing thereon, and also eem necessary.	n with any a	pplication and	any continuing, div	isional or			
reissue a application any applitude Assign claims or reexaming from said herein as binding of identification	Identification for filed applications 1) Each undersigned agree pplications for the inventions and patents as the Ass 2) Each undersigned agree in every way possible 3) Each undersigned agree provisions of the Internat 4) Each undersigned agree provisions of the Internat 4) Each undersigned agree agree in a grant of a valid Ur 5) Each undersigned auth 1 application(s) to the said signed, and that he has no con him and his heirs, succession in the said signed agree in the said signed and that he has no con him and his heirs, succession in the said signed here in the said signed agree in th	filed es to execut on, and any ignee may d es to execut division thei in obtaining es to execut ional Conve es to perform ited States; orizes and r Assignee, a t executed, a essors, assig eby grants th	e all papers necessary in connection patent(s) issuing thereon, and also eem necessary. c all papers necessary in connection reof, or any patent or reissue applied gevidence and going forward with the all papers and documents and pention for Protection of Industrial Fem all affirmative acts which may be	n with any a to execute so n with any invation based such interfer form any actroperty or si e necessary to ssue any and dovenants its in conflict the power to	pplication and parate assignmenterference who thereon, for the rence. It which may be milar agreeme o obtain, main all Letters Pathat he has fut therewith, and o insert on this	any continuing, diversely and to connection ich may be declared to invention, and to connection its. Itain or confirm by restricted to the United Solution in the United Solution is a series as assignment any further than the convey the series of the United Solution is a series as a series in the united Solution in the series is a series in the united Solution in the series is a series in the united Solution in the series is a series in the serie	isional or with such concerning cooperate with ection with eissue or States resulting e entire interesignment is			
reissue a application any applitude Assign claims or reexaming from said herein as binding of identification	Identification for filed applications 1) Each undersigned agree pplications for the inventions and patents as the Ass 2) Each undersigned agree in every way possible 3) Each undersigned agree provisions of the Internat 4) Each undersigned agree provisions of the Internat 4) Each undersigned agree action a grant of a valid Un 5) Each undersigned auth application(s) to the said signed, and that he has no on him and his heirs, succe 6) Each undersigned here action that may be necessar on of this document.	filed es to execut on, and any ignee may d es to execut division thet in obtaining es to execut ional Conve- tes to perform ited States ionizes and r Assignee, a t executed, essors, assig eby grants th	e all papers necessary in connection patent(s) issuing thereon, and also eem necessary. c all papers necessary in connection recessary. c all papers necessary in connection recessary in connection	n with any a to execute so n with any in cation based such interfer form any actroperty or sie necessary to ssue any and covenants its in conflict the power to of the Uniter	pplication and parate assignmenterference who thereon, for the rence. It which may be milar agreeme o obtain, main all Letters Pathat he has fut therewith, and o insert on this ded States Pater	any continuing, diversely and connection ich may be declared a invention, and to de necessary in connection. It is of the United Start of the United Start of the United Start agrees that this assess assignment any further than the context of the trademark Office and Trademark Office.	isional or with such concerning cooperate with ection with eissue or States resulting e entire interesignment is			
reissue a application any applitude Assign claims or reexaming from said herein as binding of identification	Identification for filed applications 1) Each undersigned agree pplications for the inventions and patents as the Ass 2) Each undersigned agree ication or continuation or gnee in every way possible 3) Each undersigned agree provisions of the Internat 4) Each undersigned agree action a grant of a valid Un 5) Each undersigned auth 1 application(s) to the said signed, and that he has not be in an another in the internation of this document. In witness whereof, executions	filed es to execut on, and any ignee may d es to execut division thet in obtaining es to execut ional Conve- tes to perform ited States ionizes and r Assignee, a t executed, essors, assig eby grants th	e all papers necessary in connection patent(s) issuing thereon, and also eem necessary. c all papers necessary in connection recessary in connection	n with any a to execute so n with any in cation based such interfer form any actroperty or si e necessary the same and covenants in conflict the power the of the Unitersite the undersite the undersi	pplication and parate assignmenterference who thereon, for the rence. It which may be milar agreeme o obtain, main all Letters Pathat he has fut therewith, and o insert on this ded States Pater	any continuing, diversely and connection ich may be declared a invention, and to de necessary in connection. It is of the United Start of the United Start of the United Start agrees that this assess assignment any further than the context of the trademark Office and Trademark Office.	isional or with such concerning cooperate with ection with eissue or States resulting e entire interesignment is			
reissue al application any application the Assign claims or reexamination from said herein as binding of identification	Identification for filed applications 1) Each undersigned agree pplications for the inventions and patents as the Ass 2) Each undersigned agree in every way possible 3) Each undersigned agree provisions of the Internat 4) Each undersigned agree provisions of the Internat 4) Each undersigned agree action a grant of a valid Un 5) Each undersigned auth 1 application(s) to the said signed, and that he has no on him and his heirs, succe 6) Each undersigned here action that may be necessar on of this document. In witness whereof, executive proposed in the said signed and the said signed and that the has no on him and his heirs, succe 6) Each undersigned here action that may be necessar on of this document.	filed es to execut on, and any ignee may d es to execut division thet in obtaining es to execut ional Conve es to perform inted States porizes and r Assignee, a t executed, essors, assig by grants th y or desirab uted by the	e all papers necessary in connection patent(s) issuing thereon, and also eem necessary. c all papers necessary in connection reof, or any patent or reissue applied gevidence and going forward with e all papers and documents and pention for Protection of Industrial Final affirmative acts which may be patent to the Assignee. equests the Director of Patents to it is Assignee of the entire interest, and will not execute, any agreements and legal representatives. the firm of OLIFF & BERRIDGE, PLO is in order to comply with the rules undersigned on the date(s) opposition.	n with any a to execute so n with any in cation based such interfer form any actroperty or si e necessary the same and covenants in conflict the power the of the Unitersite the undersite the undersi	pplication and parate assignmenterference who thereon, for the rence. It which may be milar agreeme o obtain, main all Letters Pathat he has fut therewith, and o insert on this ded States Pater	any continuing, diversely and connection ich may be declared a invention, and to de necessary in connection. It is of the United Start of the United Start of the United Start agrees that this assess assignment any further than the context of the trademark Office and Trademark Office.	isional or with such concerning cooperate with ection with eissue or States resulting e entire interesignment is			
reissue a application any application the Assign claims or reexaming from said herein as binding of identification recordation	Identification for filed applications 1) Each undersigned agree polications for the inventions and patents as the Ass 2) Each undersigned agree in every way possible 3) Each undersigned agree provisions of the Internat 4) Each undersigned agree provisions of the Internat 4) Each undersigned auth 5) Each undersigned auth 1 application(s) to the said signed, and that he has not be not him and his heirs, succession of this document. In witness whereof, exect the provisions of the literature of the provisions of the Internation agrant of a valid Unit 5) Each undersigned auth 1 application(s) to the said signed, and that he has not be not him and his heirs, succession of this document.	filed es to execut on, and any ignee may d es to execut division ther in obtaining es to execut ional Convert es to perfort inted States incrizes and r Assignee, a t executed, a essors, assig by grants th y or desirab uted by the	e all papers necessary in connection patent(s) issuing thereon, and also eem necessary. c all papers necessary in connection recessary. c all papers necessary in connection recessary in connection	n with any a to execute so n with any in cation based such interfer form any actroperty or si e necessary the same and covenants in conflict the power the of the Unitersite the undersite the undersi	pplication and parate assignmenterference who thereon, for the rence. It which may be milar agreeme o obtain, main all Letters Pathat he has fut therewith, and o insert on this ded States Pater	any continuing, diversely and connection ich may be declared a invention, and to de necessary in connection. It is of the United Start of the United Start of the United Start agrees that this assess assignment any further than the context of the trademark Office and Trademark Office.	isional or with such concerning cooperate with ection with eissue or States resulting e entire interestignment is other fice for			
reissue and application and ap	Identification for filed applications 1) Each undersigned agree pplications for the inventions and patents as the Ass 2) Each undersigned agree ication or continuation or gnee in every way possible 3) Each undersigned agree provisions of the Internat 4) Each undersigned agree action a grant of a valid Un 5) Each undersigned auth 1 application(s) to the said signed, and that he has no continuation and his heirs, succe 6) Each undersigned here attion that may be necessar on of this document. In witness whereof, exect the supplication of the supplication of the said of the supplication of the supplic	filed es to execut ton, and any ignee may d es to execut division thei in obtaining tes to execut ional Conve- tes to perform ited States forizes and r Assignee, a at executed, tessors, assig thy or desirab uted by the	e all papers necessary in connection patent(s) issuing thereon, and also eem necessary. c all papers necessary in connection to the control of the control	n with any a to execute so n with any in cation based such interfer form any actroperty or si e necessary the same and covenants in conflict the power the of the Unitersite the undersite the undersi	pplication and parate assignmenterference who thereon, for the rence. It which may be milar agreeme o obtain, main all Letters Pathat he has fut therewith, and o insert on this ded States Pater	any continuing, diversely and connection ich may be declared a invention, and to de necessary in connection. It is of the United Start of the United Start of the United Start agrees that this assess assignment any further than the context of the trademark Office and Trademark Office.	isional or with such concerning cooperate with ection with eissue or States resulting e entire interestignment is orther fice for (SEAL)			
reissue and application and application and application applicatio	Identification for filed applications 1) Each undersigned agree pplications for the inventions and patents as the Ass 2) Each undersigned agree ication or continuation or gnee in every way possible 3) Each undersigned agree provisions of the Internat 4) Each undersigned agree action a grant of a valid Un 5) Each undersigned auth 1 application(s) to the said signed, and that he has no continuation and his heirs, succe 6) Each undersigned here attion that may be necessar on of this document. In witness whereof, exect the supplication of the supplication of the said of the supplication of the supplic	filed es to execut on, and any ignee may d es to execut division ther in obtaining es to execut ional Convert es to perfort inted States incrizes and r Assignee, a t executed, a essors, assig by grants th y or desirab uted by the	e all papers necessary in connection patent(s) issuing thereon, and also eem necessary. c all papers necessary in connection received, or any patent or reissue applied gevidence and going forward with e all papers and documents and pention for Protection of Industrial Fin all affirmative acts which may be patent to the Assignee. The patent to the Assignee of the entire interest, and will not execute, any agreement and legal representatives. The firm of OLIFF & BERRIDGE, PLOW in order to comply with the rules of the entire interest of the interest of the entire interest. The interest of the entire interest of the entire interest of the entire interest of the entire interest. The interest of the entire interest of the enti	n with any a to execute so n with any in cation based such interfer form any actroperty or si e necessary the same and covenants in conflict the power the of the Unitersite the undersite the undersi	pplication and parate assignmenterference who thereon, for the rence. It which may be milar agreeme o obtain, main all Letters Pathat he has fut therewith, and o insert on this ded States Pater	any continuing, diversely and connection ich may be declared a invention, and to de necessary in connection. It is of the United Start of the United Start of the United Start agrees that this assess assignment any further than the context of the trademark Office and Trademark Office.	isional or with such concerning cooperate with ection with eissue or States resulting e entire interestignment is other fice for (SEAL)			
reissue and application and application and application application or reexamination from said herein as binding of identification determination and application and application application and application application and application a	Identification for filed applications 1) Each undersigned agree pplications for the inventions and patents as the Ass 2) Each undersigned agree in every way possible 3) Each undersigned agree provisions of the Internat 4) Each undersigned agree provisions of the Internat 4) Each undersigned agree provisions of the Internat 4) Each undersigned auth 5) Each undersigned auth 1 application(s) to the said signed, and that he has no con him and his heirs, succe 6) Each undersigned here at a point that may be necessar on of this document. In witness whereof, executing the provided and the provided agree at a point a	filed es to execute on, and any ignee may des to executed in obtaining the store of the store o	e all papers necessary in connection patent(s) issuing thereon, and also eem necessary. c all papers necessary in connection patent of the connection of th	n with any a to execute so n with any in cation based such interfer form any actroperty or si e necessary the same and covenants in conflict the power the of the Unitersite the undersite the undersi	pplication and parate assignmenterference who thereon, for the rence. It which may be milar agreeme o obtain, main all Letters Pathat he has fut therewith, and o insert on this ded States Pater	any continuing, divergence in connection ich may be declared to invention, and to de enecessary in connection or confirm by respectively. It is a series of the United Start of the United	isional or with such concerning cooperate with ection with ecissue or States resulting e entire interestignment is other fice for SEAL) (SEAL) (SEAL)			
reissue a application any application any application application of the Assignation of t	Identification for filed applications 1) Each undersigned agree polications for the inventions and patents as the Ass 2) Each undersigned agree in every way possible 3) Each undersigned agree provisions of the Internat 4) Each undersigned agree provisions of the Internat 4) Each undersigned aurit 5) Each undersigned aurit 1 application(s) to the said signed, and that he has not on him and his heirs, succe 6) Each undersigned here attended in that may be necessarion of this document. In witness whereof, executive in the said signed in the said signed in the said signed. The said signed in the said signed in the said signed in the said signed in the said signed. The said signed in the said signed. The said signed is said to said signed in the s	filed es to execut on, and any ignee may d es to execut division ther in obtaining es to execut ional Conve es to perform ited States iorizes and r Assignee, a t executed, a essors, assig eby grants th y or desirab uted by the 2002 2002	e all papers necessary in connection patent(s) issuing thereon, and also eem necessary. c all papers necessary in connection patent of the connection of th	n with any a to execute so n with any in cation based such interfer form any actroperty or si e necessary the same and covenants in conflict the power the of the Unitersite the undersite the undersi	pplication and eparate assignmenterference whathereon, for the rence. It which may be milar agreeme o obtain, main all Letters Pathat the has fut therewith, and o insert on this ed States Patern ersigned name which is the control of the control	any continuing, diversely and connection ich may be declared a invention, and to de necessary in connection. It is of the United Start of the United Start of the United Start agrees that this assess assignment any further than the context of the trademark Office and Trademark Office.	isional or with such concerning cooperate with ection with eissue or States resulting e entire interesignment is other fice for (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)			

PATENT REEL: 013004 FRAME: 0898

Date ___