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## RECORDATION FORM COVER SHEET

11-06-2009



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No.

<u>143011</u>

Please record the attached original document or copy thereof.						
1.	A.	Name of conveying party:	2. A. Name and address of receiving party:			
	Toyoji HIYOKAWA		AISIN AW CO., LTD. 10, TAKANE, FUJII-CHO, ANJO-SHI			
	B.	Additional name(s) of conveying party(ies) attached?  Yes No	AICHI-KEN, 444-1192, JAPAN			
3.	A.	Nature of conveyance:	B. Additional name(s) & address(es) attached?  ☐ Yes ☒ No			
	$\boxtimes$	Assignment				
		Security Agreement Change of Name				
		Other				
	B.	Execution Date: October 15, 2009				
4.	$\boxtimes$	This document is being filed together with a new applica	ation. 12588881			
	A.	Patent Application No.(s)	B. Patent No.(s)			
		Additional numbers atta	I ached? ☐ Yes ☒ No			
	C.	Title of Application: NAVIGATION DEVICE AN	ND NAVIGATION ROAD DATA CREATING DEVICE			
5.		ne and address of party to whom correspondence cerning document should be mailed:	6. Total number of applications and patents involved: 1			
	Na	me: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00			
			B. Enclosed (Check No. 223456)			
	Ad	dress: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850	Credit any overpayment or charge any underpayment to deposit account number 15-0461.			
			11/05/2009 DBYRNE 00000036 12588881			
9.	To t	tement and signature. The best of my knowledge and belief, the foregoing informational document.	nation is true and correct and any attached copy is a true copy of			
		nes A. Oliff, Registration No. 27,075	Date: October 30, 2009			
	Jesse O. Collier, Registration No. 53,839  Total number of pages including cover sheet, attachments, and document: 2					

PATENT REEL: 023480 FRAME: 0737

		ASSIGNMENT	
		(1) Toyoji HIYOKAWA (5)	
1-8)	Insert Name(s) of Inventor(s)	(2)	
		(3)(7)	
		(4)(8)	
		In consideration of the sum of one dollar (\$1,00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to	
9)	Insert Name of Assignee	(9) AISIN AW CO., LTD.	
10)	Insert Address of Assignee	(10) 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan	
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as	
11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11) Navigation Device and Navigation Road Data Creating Device	
		(Attorney Docket No. 143011	
		for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or	
12)	Insert Date of Signing of Application	(12) on October 15, 2009	
121	Altamatica	(12) II Care Francisco Carlo Navalan	

Alternative (13) U.S. application Serial Number

Identification for October 30, 2009 filed applications

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and 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.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that 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.

in witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).						
Date	October 15 2009	Inventor Signature	Toyoit	Hiyokawa	(SEAL)	
Date	'	Inventor Signature			(SEAL)	
Date		Inventor Signature			(SEAL)	
Date		Inventor Signature		<del></del>	(SEAL)	
Date		Inventor Signature			(SEAL)	
Date		Inventor Signature			(SEAL)	
Date		Inventor Signature			(SEAL)	
Date		Inventor Signature			(SEAL)	
This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. It neither, then it should be signed before at least two witnesses who also sign here:						
Date		Witness				
Date						

**PATENT** REEL: 023480 FRAME: 0738

			ASSIGNME	NT	
•		(1)	Toyoji HIYOKAWA	(5)	
(1-8)	Insert	(2)	<u> </u>	(6)	
	Name(s) of Inventor(s)	(3)		(7)	
		(4)		(8)	
			of the undersigned, each unders	e dollar (\$1,00) and other good and valuable igned agrees to assign, and hereby does assign	
(9)	Insert Name of Assignee	(9)	AISIN AW CO., LTD.		
(10)	Insert Address of Assignee	(10)		, Aichi-ken, 444-1192, Japan	
		the entinventi continu extensi	ire right, title and interest for the U on, and in all applications for pate lation, international, confirmation ons, reissues and reexamination of	and Assignee's heirs, successors, assigns and leftited States of America as defined in 35 U.S. int including any and all provisional, non-provisubstitute and reissue application(s), and all entificates that may be granted on the invention	C. §100, in the visional, divisional, Letters Patent,
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	•	ney Docket No. 143011	cion Road Data Creating Device	
(12)	Insert Date of Signing of Application	(12)	on October 15, 200	9	
(13)	Alternative Identification for filed applications	(13) filed	U.S. application Serial Number October 30, 2009	·	
application any application applications of the Assistance and agreements full right and agreements identifications are applicated as a second agreement and agreements are a second agreement and agreement and agreement and agreement and agreement are a second agreement and agreement and agreement agreement and agreement agre	applications for the invention and patents as the Assi 2) Each undersigned agree dication or continuation or dignee in every way possible in a continuation of the Internation of the Internation and grant of a valid Unity Each undersigned author to convey the entire interestes that this assignment is biolicial in the Internation and Internation at the United States resulting the United States resulting the Interestes that this assignment is biolicial in the Interested I	n, and any gree may es to execution the in obtaining so to executional Converse to perform the States orizes and grown said therein anding on long grants the	patent(s) issuing thereon, and al deem necessary. te all papers necessary in connecessor, or any patent or reissue appropriate all papers and documents and ention for Protection of Industriam all affirmative acts which may patent to the Assignee. requests the Commissioner of the dapplication(s) to the said Assignssigned, and that he has not exception and his heirs, successors, assigned firm of OLIFF & BERRIDGE, F	perform any act which may be necessary in of Property or similar agreements.  be necessary to obtain, maintain or confirm  U.S. Patent and Trademark Office to issue the see, as Assignee of the entire interest, and conted, and will not execute, any agreements in	ction with such clared concerning d to cooperate with connection with by reissue or any and all Letters ovenants that he had conflict herewith, by further
	In witness whereof, execu	ted by the	e undersigned on the date(s) op	posite the undersigned name(s).	
Date	October 15 20	209	Inventor Signature	Toyoit Hiyokawa	(SEAL)
Date					
Date					
Date					

Date	October 15 2009 Invent	tor Signature Toyoit	-liyokawa	(SEAL)		
Date	Invent	tor Signature		(SEAL)		
Date	Invent	tor Signature		(SEAL)		
Date		tor Signature		(SEAL)		
Date		tor Signature		(SEAL)		
Date		tor Signature		(SEAL)		
Date		tor Signature		(SEAL)		
Date		tor Signature		(SEAL)		
This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:						
Date		Witness				
Date			·			

**RECORDED: 10/30/2009** 

PATENT REEL: 023480 FRAME: 0739