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Attorney Docket No.

138929

		Please record the attached origi	nal document or convithereof							
1.	Α.	Name of conveying parties: 1. Kyomi MORIMOTO 2. Seiji HAYASHI	2. A. Name and address of receiving party: AISIN AW CO., LTD. 10 TAKANE, FUJII-CHO							
	B.	3. Yutaka SAITOU Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	ANJO-SHI AICHI 444-1192 JAPAN							
3.	Α.	Nature of conveyance:	B. Additional name(s) & address(es) attached? ☐Yes ☑ No							
	\boxtimes	Assignment								
		Security Agreement								
		Other								
	В.	Execution Date: All - November 24, 2008								
4.	\boxtimes	This document is being filed together with a new application.								
	A.	Patent Application No.(s)	B. Patent No.(s)							
	Additional numbers attached? ☐ Yes ☒ No C. Title of Application: NAVIGATION APPARATUS AND COMPUTER PROGRAM									
5.		me and address of party to whom correspondence	6. Total number of applications and patents involved: 1							
		cerning document should be mailed: ame:James A. Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00							
		ddress: OLIFF & BERRIDGE, PLC P.O. Box 320850	B. Enclosed (Check No. 212728)							
		Alexandria, VA 22320-4850	Credit any overpayment or charge any underpayment to deposit account number 15-0461.							
9.	9. Statement and signature. 12/10/2008 MJAMA1 00000043 1231405 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true cop the original document. 61 FC:8021									
			Date: December 3, 2008							
James A. Oliff, Registration No. 27,075 Jesse O. Codier, Registration No. 53,839 Total number of pages including cover sheet, attachments, and document: 2										

ASSIGNMENT Kyomi MORIMOTO (5)

	scrt	(2)	Selli UV I VSUI	(8)	
	Namc(s) of Inventor(s)	(3)	Yutaka SAITOU	(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-		
(11)	Insert	(hereinafter designated as the Assignoe) and Assignoe'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) Navigation Apparatus and Computer Program			
(11)	Identification such as Title, Case	(11)	Navigation Apparatus and C	omputer Program	
	Number, or Foreign Application Number	(Attorr	ncy Docket No. 138929		
		for which the undersigned has (have) executed an application for patent in the United States of America on even date berewith or			
(12)	Insert Date of Signing of Application	(12)	on		
(13)	Alternative	(13)	U.S. application Serial Numl	er	

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.

December 3, 2008

- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concoming 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 Assignce, as Assignce 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 representativos.
- 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	November 24, 2008	Inventor Signature	Kyom:	Morimoto	(SEAL)				
Date	November 27, 2008	Inventor Signature	<u>Seni</u>	Hayashi	(SEAL)				
Date	November 24, 2008	Inventor Signature		Saiton					
Date		Inventor Signature	 		(SEAL)				
Date		Inventor Signature		· · · · · · · · · · · · · · · · · · ·	(SEAL)				
Dute		Inventor Signaturo			(SEAL)				
Date		Inventor Signature			(SEAL)				
Date		Inventor Signature		<u> </u>	(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		Witness							

TOTAL P.05

PATENT REEL: 021959 FRAME: 0918

Identification for

filed applications