Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450			Patent a	T OF COMMERCE nd Trademärk Office						
			Attorney Docket No.	155981						
Please record the attached original document or copy thereof.										
1. A. Name of conveying party(i	es):	2. A. Name and address of receiving party(jes):								
[1] Takayuki MIYAJIN [2] Satoshi HIRANO [3] Kiyokazu OKADA	1A	10, TA	AW CO., LTD. KANE, FUJII-CHO, -SHI, AICHI-KEN, 4 N							
B. Additional name(s) of conv	eying party(ies) attached?									
3. A. Nature of conveyance:		B. Addition	nal namc(s) & address(es	) attached? ☑ No						
⊠ Assignment [	Merger			; 1						
Security Agreement [	Change of Name			1						
Other				1						
B. Execution Date: [1] and [3] April 25, 2013	[2] April 8, 2013; and			l I						
4. This document is being file	d logether with a new application	ation.		1						
A. Patent Application No.(s)	13/789,200	B. Patent h	No.(s)	,						
	Additional numbers atta			;						
C. Title of Application: TRA CREATING METHOD AND P	<u>FFIC INFORMATION ( ROGRAM</u>	CREATING DEV	ICE, TRAFFIC INFO	<u>ORMATION</u>						
D. This Assignment is s	ubmitted for a dual purpose application as the oath or d	e: (1) recording in t eclaration pursuant	he assignment database to 37 CFR 1.63(c).	; and (2) for use in						
Name and address of party to when concerning document should be		6. Total number	of applications and pate	nts involved: 1						
Name: <u>James A. Oliff</u>		7. Please charge fee (37 CFF	ge Deposit Account No ( 3.41) in the amount o	o. 15-0461 the total of \$40.00.						
Address: OLIFF & BERR P.O. Box 32085 Alexandria, VA	50		verpayment or charge any unt number 15-0461.	underpayment to						
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 dopy original document.										
James A. Oliff, Registration	n No. 27,075		ate: <u>May 17, 2013</u>	 						
Jesse O. Colfier/Registration No. 53,839  Total number of pages including cover sheet, attachments, and document: 2										

PATENT

REEL: 030455 FRAME: 0957

## ASSIGNMENT

	Insert	(1)	Takayuki MIYAJIMA	(2)	Satoshi HIRANO			
(1-8)	Legal Name(s)	(3)	Kiyokazu OKADA	(4)				
	of Inventor(s)	(5)		(6)				
		(7)		(8)				
	Insert Name of	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to						
(9)	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 Assignce) and Assignce'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, 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	(11)	TRAFFIC INFORMATION	N CREATING DEVI	CE, TRAFFIC INFORMATION			
	Number, or Foreign Application Number	CREATING METHOD AND PROGRAM						
		(Attorney Docket No. 155981 ), filed on even date herewith or as						
(12)	Alternative	(12)	U.S. Application Number	13/789,200				
	Identification for filed applications	filed	March 7, 2013					
	1) Each undersigned agre	es to exec	ute all papers necessary in co	nnection with any ag	oplication and/or patent for the invention 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 or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

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 patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's 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	April 8,	2013	Inventor Signature	Takayuki	Miya ji ma	(SEAL)	
Date	April 8,	20  3	Inventor Signature	Satoshi	Hirano	_ (SEAL)	
Date	April 25,	2013	Inventor Signature	Kiyokazu	Okada	(SEAL)	
Date			Inventor Signature			_ (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. If neither, then it should be signed before at least two witnesses who also sign here:							
Date			Witness		· · · · · · · · · · · · · · · · · · ·		
Date			Witness		· ·		

**PATENT** REEL: 030455 FRAME: 0958