	FORM PTO-1595 1-31-92 To the Director of the U.S. P	06-25-2008 2 at	CHEET. U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 07057.0238 Attorney Customer Number: 22,852 Mail Stop Assignment Recordation Services				
69-0%	Please record the attached ori 1. Name of conveying pan, Akito ADACHI Hiroshi TOMINAGA Nobuhiro YOKOGAWA Toshiyuki ABE		Name and address of receiving party(ies): Name: TOYOTA JIDOSHA KABUSHIKI KAISHA				
(Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No			Internal Address:			
٥	Nature of conveyance:			Street Address: 1, Toyota-cho			
		☐ Merger	City:	Toyota-shi, Aichi-ken, 471-8571, Japan			
	Security Agreement	Change of Name	State:	Zip Code:			
	Other: [Describe]		Additional name(s) & Address(es) attached?				
	Execution Date: June 12, 2008			☐ Yes			
	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: June 12, 2008						
	A. Patent Application Number(s):		В.	Patent Number(s):			
		Additional numbers attached?	 □ Yes	⊠ No			
	Name and address of party to whom correspondence concerning document should be mailed:		6.	Total number of applications and registrations involved:			
	Name: James W. Edmondson		7.	Total fee (37 CFR 3.41): \$40			
				Enclosed (Please charge deficiency to deposit account)			
	Internal Address: FINNEGA	N, HENDERSON, FARABOW, GARRETT		Authorized to be charged to deposit account			
	& DUNNE	R, L.L.P.					
	Street Address: 901 New	York Avenue, N.W.					

9. Statement and signature.

James W. Edmondson

Washington, D.C.

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.

8.

20001-4413

Signature

June 19, 2008

Deposit Account No.: 06-0916

Date

Total number of pages including cover sheet, attachments and documents: 3

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PATENT REEL: 021159 FRAME: 0058

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TAP16 Rec'd PCT BOLD JOIN INVENTABOR

(U.S. Rights Only) Attorney Docket No.

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

VEHICLE COMMUNICATION METHOD AND COMMUNICATION DEVICE									
for which I/WE executed an application for Unit	led States Lett	ers Patent concurrently herewith	or filed an application for						
United States Letters Patent on	, 20	(Application No.); and						
WHEREAS, _TOYOTA JIDOSHA KABUSHIKI KAISHA									
a corporation of <u>Japan</u>									
whose post office address is _1, Toyota-cho	, Toyota-shi, /	Aichi-ken, 471-8571 Japan							

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No.[Text], filed [Date]) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

FULL NAME OF SOLE OR FIRST ASSIGNOR Akito ADACHI	ASSIGNOR'S SIGNATURE White Adachi	DATE June 12, 2008
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571	Japan	CITIZENSHIP JAPAN
2. FULL NAME OF SECOND ASSIGNOR, IF ANY HIROSHI TOMINAGA	ASSIGNOR'S SIGNATURE History: Jorning Sa	June 12, 2008
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571	Japan	CITIZENSHIP JAPAN
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Nobuhiro YOKOGAWA	ASSIGNOR'S SIGNATURE Robuhiro Hohogawa	DATE June 12, 2008
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571	Japan	CITIZENSHIP JAPAN

Page 1 of 2

PATENT

REEL: 021159 FRAME: 0059

SOLE/JOINT INVENTION (U.S. Rights Only) Attorney Docket No.

4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Toshiyuki ABE	assignor's signature Techiyuhi abe	DATE June 12, 2008
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571	CITIZENSHIP JAPAN	

Page 2 of 2

RECORDED: 06/19/2008

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