				RI 10-0	1-20		Pate	ent and Trade	of Commerce emark Office No. 07057,0192
		Director of the U.S. Pate record the attached ori		Trac					Recordation Services
	1.	Name of conveying par 1) Hisayoshi Sugihara 2) Yutaka Nonomura 3) Motohiro Fujiyoshi	ty(ies): C	P 29 2010		2. Name:	Name and addre  1) Toyota Jide 2) Kabushiki I	osha Kabushii	
	Additio	dditional name(s) of conveying party as) attached? Yes No				Internal Address:			
	3.	Nature of conveyance:			Street Address: 1) 1, Toyota-cho 2) 41-1, Aza Yokomichi, Oaza Nagakute				
		Assignment		Merger		City:			chi-ken
		Security Agreement		Change of Name		State:	JAPAN	Zip Code:	1) 871-8571 2) 480-1192
1		Joint Research Agreement		Government Interest Assignment		Addition	al name(s) & Add	ress(es) attac	hed?
		Executive Order 9494, Confirmatory License		Other:			☐ Yes		
	Execut	Execution Date: 1) 9/25/07; 2) 9/25/07 3) 9/25/07							
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the application:							application, t	the execution date of	
	Ä.	Patent Application Number(s): 11/989,767				B. Patent Number(s):			
	Additional numbers attached?					Yes	⊠ No		
	5. Name and address of party to whom correspondence concerning document should be mailed:  6. Total number of applications and patents involved to the concerning document should be mailed:						nd patents involved:		
ľ	Name: Anthony M. Gutowski (202) 408-4000 7. Total fee (37 CFR 1.21(h) and 3.41): \$40						3.41): \$40		
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.						×	Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)		
Street Address: 901 New York Avenue, N.W.							Authorized t	o be charged	to deposit account
Į	City:	Washington, D.	C.						
	State:	Z	ip:	20001-4413		8.	Deposit Account	No.: <u>06-0916</u>	
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 copy of the original document.									
		Signed:	th-				ud kaloku. ■	Satombo -	24 2010
		Signed	A	nthony M. Gutowski, Re	eg. No. 38	3,742		D	ate
	Total number of pages including cover sheet, attachments and documents: 2								

6/2007

でつう、コウン ラッモ
TFN 060143 - いり
SOLE/JOINT INVENTION
(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:

	GLE DETECTING APPARATUS
for which I/WE executed an app	lication for United States Letters Patent concurrently herewith or filed an application for
United States Letters Patent on	, 20 (Application No. ); and
WHEREAS, TOYOTA JIDOS	SHA KABUSHIKI KAISHA and KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO
corporations of Japan	
whose post office address are	1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan and

(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;

41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken, 480-1192 Japan

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).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE September
Hisayoshi SUGIHARA	Hirayashi Lugihara	25, 2007
ADDRESS		CITIZENSHIP
CO TOYOTA JIDOSHA KABUSHIKI KAISHA	April 1	Japan
of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8		
2. FULL NAME OF SOLE OR SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE September
Yutaka NONOMURA	Gutaka Chomomuse	25, 2007
ADDRESS		CITIZENSHIP
OF MARIIGHIKI KAISHA TOYOTA CHUO KEN	IKYUSHO	Japan
of 41-1, Aza Yokomichi, Oaza Nagakute, Nag	akute-cho, Aichi-gun, Aichi-ken, 480-1192 Japan	
3. FULL NAME OF SOLE OR THIRD ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE September
Motohiro FUJIYOSHI	motohino dujiyoshi	25, 2007
ADDRESS	1 /100	CITIZENSHIP
LABURUEL KAIRHA TOVOTA CHUO KEN	Japan	
of 41-1, Aza Yokomichi, Oaza Nagakute, Nag	akute-cho, Aichi-gun, Aichi-ken, 480-1192 Japan	

Page 1 of 1

PATENT REEL: 025078 FRAME: 0433

**RECORDED: 09/29/2010**