70 the prector of the U.S. Patent and Please record the attached original do			U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 05435.00 Mail Stop Assignment Recordation		ark Office 5. 05435.0082-0	
. Name of conveying party(in  Masanari SAKAE  Tokiko GAMOU		2. Name:		Iress of receiving		
Additional name(s) of conveying par	rty(ies) attached? ☐ Yes ☒ No	Internal Address:				
Nature of conveyance:		Street Ad	Street Address: 1, Toyota-cho ( Aichi-ken)			
Assignment	] Merger	City:	Γoyota-shi			
Security Agreement	Change of Name	Country:	Japan	Zip Code:	471-8571	
Joint Research Agreement	Assignment	Additiona	Additional name(s) & Address(es) attached?			
Executive Order 9494, Confirmatory License  Execution Date: July 20, 2009	Other:		] Yes	⊠ No		
Application number(s) or p the application: [Type app	atent number(s): If this document i ropriate information]	s being filed tog	gether with a n	ew application, t	he execution da	
A. Patent Application Number(s): 29/341,135		В. Г	B. Patent Number(s):			
20/01/11/00	Additional numbers attached?	│ □ Yes	⊠ No			
5. Name and address of part concerning document show	y to whom correspondence uld be mailed:	1	Fotal number of	of applications a	nd patents invol	
ame: Stephen L. Peterson		7.	Total fee (37 C	CFR 1.21(h) and	3.41): \$40	
nternal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.				(Please charge ent to deposit ac		
Street Address: 901 New York Avenue, N.W.			Authorize	ed to be charged	to deposit acco	
City: Washington, D.C.						
2,						

1924960

Stephen L. Peterson Registration No. 26,325

Total number of pages including cover sheet, attachments and documents: 2

5/2006

SOLE/JOINT INVENTION (U.S. Rights Only) Attorney Docket No. 05435.0082-01000 Client Ref: D6P2009033US

## **ASSIGNMENT**

WHEREAS WE, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

## for which we executed an application for United States Letters Patent concurrently herewith; and WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA a corporation of Japan 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, we, as Assignors, 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 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 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, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 29/341,135, filed July 31, 2009) the filing date and application number of said application when known.

ASSIGNOR'S SIGNATURE

IN TESTIMONY WHEREOF, we have hereunto set our hands.

Masanari SAKAE	masanari Jakae	July 20, 2009
ADDRESS c/o Toyota Jidosha Kabushiki Kaisha, 1, 1	CITIZENSHIP Japan	
2. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Tokiko GAMOU	Josepho et am	July 20, 2009
ADDRESS c/o Toyota Jidosha Kabushiki Kaisha, 1, 1	CITIZENSHIP Japan	
1870189		

RECORDED: 09/22/2009

1. FULL NAME OF FIRST ASSIGNOR

PATENT REEL: 023286 FRAME: 0789

DATE