To the Director of the U.S. Patent and Please record the attached original c 103539604			Potent and Trademark Office			
1.	Name of conveying pa Kenichi OKAMURA Hiroshi FUJIMOTO Tatsuo TAKAZAWA		2. Name:		ddress of receiving	,
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No			Internal Address:			
Nature of conveyance:			Street Address: 1, Toyota-cho, Aichi-ken			
Ø	Assignment	☐ Merger	City: Toyota			
	Security Agreement	☐ Change of Name	Country:	Japan	Zip Code:	471-8571
	Joint Research Agreement	Government Interest Assignment	Additional name(s) & Address(es) attached?			
	Executive Order 9494, Confirmatory License	Other:		☐ Yes	⊠ No	
4. A.	Application number(s) the application: [Type Patent Application Num 29/325,387	or patent number(s): If this document is b appropriate information]  nber(s):  Additional numbers attached?	1	gether with a Patent Numb	er(s):	he execution date of
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:
Name	: Stephen L. Peterson		7.	Total fee (37	CFR 1.21(h) and	3.41): \$40
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  Street Address: 901 New York Avenue, N.W.  City: Washington, D.C.				overpayment to deposit account 06-0916)		
State:		Zip: 20001-4413	8.	Deposit Acco	unt No.: 06-0916	
9.	Statement and signatur	re.		\		
To the	Signed:	Atylen Litturn  Stephen L. Peterson Registration No. 26,325 number of pages including cover sheet, a	91	FC:8021	<u> Au. 9</u>	\$25387 40.00 0P 2008 ate
17405		. 0			5/20	00

PATENT REEL: 021980 FRAME: 0058

OOS/ />
JOINT INVENTION
(U.S. Rights Only)

Attorney Docket No.

## **ASSIGNMENT**

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

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 inventia 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 hacknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this inventional this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which is 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 assignated accordance with the terms of this Assignment;  AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assigneers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications and generally do everything possible to aid Assignee, its successors and assigns, to obtain enforce proper patent protection for this invention in the United States, it being understood that any expense incide the execution of such papers shall be borne by the Assignee, its successors and assigns.	nereby sfer, and ention may be d gns, in ignee, its all lawful te title to
a corporation of Mendose 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 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 hacknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer over unto the Assignee, its lawful successors and assigns, 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 it 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 assignaccordance with the terms of this Assignment;  AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignaces when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications all rightful oaths and generally do everything possible to ald Assignee, its successors and assigns, to obtain enforce proper patent protection for this invention in the United States, it being understood that any expense incide the execution of such papers shall be borne by the Assignee, its successors and assigns.  IN TESTIMONY WHEREOF, We have hereunto set our hand.	nereby sfer, and ention may be d gns, in ignee, its all lawful te title to
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AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignees when called upon to do so, execute and deliver all papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and assigns, any facts thrown to the Oso, execute and the successors and assigns.  AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignment; apapers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the chief in grightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain enforce proper patent protection for this invention in the United States, it being understood that any expense incide the execution of such papers shall be borne by the Assignee, its successors and assigns.  IN TESTIMONY WHEREOF, We have hereunto set our hand.  Assignor's signature.	nereby sfer, and ention may be d gns, in ignee, its all lawful te title to
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Kenichi OKAMURA  Zenichi Okamuru  September 18	ations, and
Kenichi OKAMURA  Zenichi Okamuru  September 18	
Kenichi Kamuru	
ADDRESS CITIZENISHIP	8, 2008
ADDRESS	
CHIZENGAIF	
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan	
2. FULL NAME OFSECOND ASSIGNOR ASSIGNOR'S SIGNATURE DATE	
Hiroshi FUJIMOTO Hiroshi Ficejimeto September 1	الممام
ADDRESS CITIZENSHIP	8, 200R
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan	8, 2008

OOS/3/ JOINT INVENTION (U.S. Rights Only)

Attorney Docket No.

3. FULL NAME OFSECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Tatsuo TAKAZAWA	Tatsuro Taleazaman	September 18, 2008
ADDRESS	9	CITIZENSHIP
c/o TOYOTA JIDOSHA KABUSHIKI KAISH. 1, Toyota-cho, Toyota-shi, Aichi-ken 471-85	Japan	

Page 2 of 2

**RECORDED: 12/09/2008** 

PATENT

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