11-19-2007 FC TION FORM **Patent and Trademark Office PATENTS** Attorney Docket No. 10122.0012 Attorney Customer Number: 22,852 103461715 To the D Office: Mail Stop Assignment Recordation Services Please record the attached original documents or copy thereof. 2. Name of conveying party(ies): Name and address of receiving party(ies): Hidetoshi MORISHITA Hideo YAMAWAKI 1) TOYOTA JIDOSHA KABUSHIKI KAISHA Name: Yuu Suzuki Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Internal Address: Street Address: Nature of conveyance: 1, Toyota-cho \boxtimes Assignment City: Toyota-shi, Aichi-ken, 471-8571, Japan Merger Security \Box Change of Name State: Zip Code: Agreement Other: [Describe] Additional name(s) & Address(es) attached? **Execution Date:** September 14, 2007 ☐ Yes ⊠ No 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: September 14, 2007 Patent Application Number(s): B. Patent Number(s): A. ⊠ No Additional numbers attached? ☐ Yes 6. Total number of applications and registrations 5. Name and address of party to whom correspondence concerning document should be mailed: involved: 7. Total fee (37 CFR 3.41): \$40 Name: James W. Edmondson Enclosed (Please charge deficiency to deposit \boxtimes account) 00000150 11920149 11/1B/2007 GFREY1 П Authorized to be charged to deposit account FINNEGAN HENDERSON, FARABOW, GARRETT T**Ater**nal Address: & DUNNER, L.L.P. Street Address: 901 New York Avenue, N.W. City: Washington, D.C. State: 20001-4413 8. Deposit Account No.: 06-0916 Zip:

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

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

9.

document.

Statement and signature.

James W. Edmondson

PATENT REEL: 020136 FRAME: 0193

November 9, 2007

Date

V1/920149 SOLE/JOINT INVENTION (U.S. Rights Only) IAPO5Rec'd PCT 09 NOV 2007 by Docket No.______

ASSIGNMENT

the below named inventor(s). Thereinafter referred to as Assigner(s)1 have made an invention

WHEREAS, TOYOTA JIDOSHA KAB	USHIKI KAI	SHA			
for which I/WE executed an application for Unfor United States Letters Patent on	ited States Lette , 20	ers Patent concurrently here (Application No.	ewith or filed an application); and		
Driving Device of Voltage Drive Type Semiconductor Device					
entitled:	(0), [110101110110	, 10.01,00 to 00 , 100.g			

whose post office address are

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. , filed) 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
		_
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		BATE
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
, , , , , , , , , , , , , , , , , , , ,	ASSIGNOR'S SIGNATURE	DATE
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Hideo Yamawaki		DATE Sep 14, 2007
, , , , , , , , , , , , , , , , , , , ,	ASSIGNOR'S SIGNATURE) Lioleo Jamawaki	
Hideo Yamawaki		Sep 14, 2007

Page 1 of 2

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3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
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