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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAOKI HIGASHIKAWA	02/21/2014
KAZUYOSHI KONTANI	02/21/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14220683

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NAME OF SUBMITTER:	BRIAN T. MURRAY, NEW APPS. SPECIALIST	
SIGNATURE:	/Brian T. Murray/	
DATE SIGNED:	03/20/2014	

Total Attachments: 1

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PATENT 502731384 REEL: 032488 FRAME: 0486

ASSIGNMENT Whereas, I/we, Name Address c/o KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, Naoki HIGASHIKAWA 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 Japan c/o KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, Kazuyoshi KONTANI 2) 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 Japan hereinafter called assignor(s), have invented certain improvements in SUBSTRATE SPACING MEMBER AND INVERTER DEVICE and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below: filed on March 20, 2014 , Serial No. 14/220,683 Whereas KABUSHIKI KAISHA TOYOTA JIDOSHOKKI 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 Japan (assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor; NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which 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.

	INVENTORS	DATE SIGNED
1):	Nack; Higashikawa	Feb 21, 2014
Name:	Naoki HIGASHIKAWA	
2):	Kazuyoshi Kontani Kazuyoshi KONTANI	Feb 21, 2014
Name:	Kazuyoshi KONTANI	,

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

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