

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FUJIO MASUOKA	03/09/2015
NOZOMU HARADA	03/02/2015
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<b>Property Type</b>	<b>Number</b>
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<b>SIGNATURE:</b>	/RALPH E LOCHER/
<b>DATE SIGNED:</b>	06/24/2015
<b>Total Attachments: 1</b>	
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## ASSIGNMENT

WHEREAS We, **FUJIO MASUOKA** and **NOZOMU HARADA**, both residing at Tokyo, Japan, have invented certain new and useful improvements in a





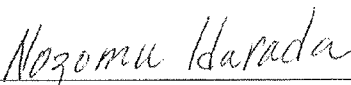
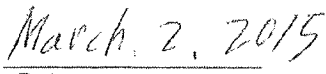
### **METHOD FOR MANUFACTURING PILLAR-SHAPED SEMICONDUCTOR DEVICE**

described in International Application PCT/JP2013/084759, filed December 25, 2013 and for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, **UNISANTIS ELECTRONICS SINGAPORE PTE. LTD.** (hereinafter Assignee), a private limited company of Singapore doing business at Singapore, Singapore is desirous of acquiring the entire interest in and to the invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, its legal representatives, successors and assigns, the full and exclusive right in and to the said invention as fully set forth and described in the above-mentioned application, and to the application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of the Letters Patent, the same to be held and enjoyed by the said Assignee, its legal representatives, successors and assigns, to the full end of the term, for which the Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us, had this assignment and sale not been made.

AND WE hereby authorize the said Assignee to make an application for Letters Patent and the Director to issue any and all Letters Patent of the United States on the invention or resulting from the application and from any and all divisions and continuations thereof to the said Assignee, as the assignee of the entire right, title and interest in and to the same.

 Witness CHIEKO MIYAHIRA	 Fujio Masuoka	(L.S.)	 Date
 Witness CHIEKO MIYAHIRA	 Nozomu Harada	(L.S.)	 Date