

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	HIDENORI AKIYAMA	03/02/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	PAKAL TECHNOLOGIES LLC	
<b>Street Address:</b>	583 DOLORES ST.	
<b>City:</b>	SAN FRANCISCO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94110	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15448530
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<b>NAME OF SUBMITTER:</b>	BRIAN D. OGONOWSKY	
<b>SIGNATURE:</b>	/Brian D Ogonowsky/	
<b>DATE SIGNED:</b>	03/03/2017	
<b>Total Attachments: 1</b>		
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**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, I,

**Hidegori Akiyama** of **Miyagi, Japan**

hereby sell, assign and transfer to **Pakal Technologies, LLC**, a **Delaware** corporation, having a place of business at **583 Dolores St., San Francisco, CA 94110**, its successors and assigns, the entire right, title and interest throughout the world in my invention in

**VERTICAL INSULATED GATE TURN-OFF THYRISTOR WITH  
INTERMEDIATE P+ LAYER IN P-BASE**

for which I have executed United States patent application **15/448,530** on **March 2, 2017**, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 2nd day of March, 2017.



**Hidegori Akiyama**