

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4491475

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QINGCHUN ZHANG	06/20/2017
EDWARD R. VAN BRUNT	07/05/2017
BRETT HULL	07/05/2017
SCOTT THOMAS ALLEN	06/28/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Cree, Inc.
<b>Street Address:</b>	4600 Silicon Drive
<b>City:</b>	Durham
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27703
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15642634
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)854-1401
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	919-854-1400
<b>Email:</b>	mmcmahan@myersbigel.com
<b>Correspondent Name:</b>	MICHELE P. MCMAHAN
<b>Address Line 1:</b>	4140 PARKLAKE AVE.
<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27612
<b>ATTORNEY DOCKET NUMBER:</b>	5308-2711
<b>NAME OF SUBMITTER:</b>	MICHELE P. MCMAHAN
<b>SIGNATURE:</b>	/mpm/
<b>DATE SIGNED:</b>	07/06/2017
<b>Total Attachments: 5</b>	
source=5308-2711-Assignment-as-Filed#page1.tif	
source=5308-2711-Assignment-as-Filed#page2.tif	
source=5308-2711-Assignment-as-Filed#page3.tif	

source=5308-2711-Assignment-as-Filed#page4.tif

source=5308-2711-Assignment-as-Filed#page5.tif

### ASSIGNMENT

THIS ASSIGNMENT, made by us, **Qingchun Zhang**, residing at 108 Hickorywood Blvd., Cary, NC 27519; **Edward R. Van Brunt**, residing at 1413 Crete Drive, Raleigh, NC 27606; and **Brett Hull**, residing at 2101 Katesbridge Lane, Raleigh NC 27614; and **Scott Thomas Allen**, residing at 2740 Weaver Hill Drive, Apex, NC 27502;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **POWER SCHOTTKY DIODES HAVING CLOSELY-SPACED DEEP BLOCKING JUNCTIONS IN A HEAVILY-DOPED DRIFT REGION** for which an application for United States Letters Patent has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel, to insert here in parentheses (Application No. 15/642,634, filed 7/6/17) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **Cree, Inc.**, a North Carolina corporation having a principal place of business at 4600 Silicon Drive, Durham, North Carolina 27703, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

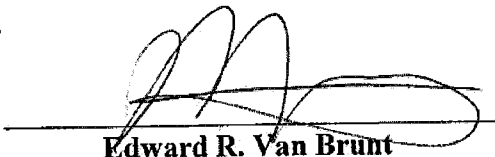
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29<sup>th</sup> day of

June, 2017.

  
\_\_\_\_\_  
**Qingchun Zhang** (SEAL)

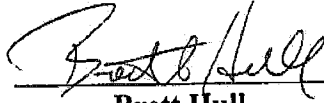
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 5<sup>th</sup> day of

July, 2017.

 (SEAL)  
Edward R. Van Brunt

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 5<sup>th</sup> day of

July, 2017.

  
\_\_\_\_\_  
**Brett Hull** (SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 28<sup>th</sup> day of  
June, 2017.

 (SEAL)  
**Scott Thomas Allen**