

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4619014

<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	09/14/2017
ADAM BARKLEY	09/13/2017
SEI-HYUNG RYU	09/13/2017
BRETT HULL	09/13/2017
<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>	15699149
<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
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<b>Address Line 1:</b>	4140 PARKLAKE AVENUE
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<b>ATTORNEY DOCKET NUMBER:</b>	5308-2747
<b>NAME OF SUBMITTER:</b>	ASHLEY PATEL
<b>SIGNATURE:</b>	/cjp/
<b>DATE SIGNED:</b>	09/29/2017
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Qingchun Zhang**, residing at 108 Hickorywood Blvd., Cary, NC 27519; **Adam Barkley**, residing at 7625 Canvas Art Terrace, Raleigh NC 27617; **Sei-Hyung Ryu**, citizen of the United States of America, residing at 102 Tawny Ridge Lane, Cary, North Carolina 27513; and **Brett Hull**, residing at 2101 Katesbridge Lane, Raleigh NC 27614;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **POWER SWITCHING DEVICES WITH HIGH DV/DT CAPABILITY AND METHODS OF MAKING SUCH DEVICES** 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. **15/699,149**, filed **September 8, 2017**) 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;

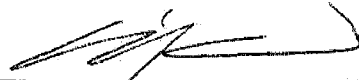
NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, 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 14<sup>th</sup> day of September, 2017.



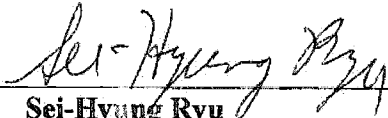
\_\_\_\_\_  
Qingchun Zhang

(SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 13<sup>th</sup> day of September, 2017.

  
\_\_\_\_\_  
**Adam Barkley** (SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 13<sup>th</sup> day of September, 2017.

  
\_\_\_\_\_  
**Sei-Hyang Ryu** (SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 13<sup>th</sup> day of September, 2017.

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