

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jason Patrick Henning</td><td>10/13/2011</td></tr><tr><td>Qingchun Zhang</td><td>10/13/2011</td></tr><tr><td>Sei-Hyung Ryu</td><td>10/13/2011</td></tr><tr><td>Anant Agarwal</td><td>10/13/2011</td></tr><tr><td>John Williams Palmour</td><td>10/13/2011</td></tr><tr><td>Scott Allen</td><td>10/13/2011</td></tr></tbody></table>		Name	Execution Date	Jason Patrick Henning	10/13/2011	Qingchun Zhang	10/13/2011	Sei-Hyung Ryu	10/13/2011	Anant Agarwal	10/13/2011	John Williams Palmour	10/13/2011	Scott Allen	10/13/2011
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RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>Cree, Inc.</td></tr><tr><td>Street Address:</td><td>4600 Silicon Drive</td></tr><tr><td>City:</td><td>Durham</td></tr><tr><td>State/Country:</td><td>NORTH CAROLINA</td></tr><tr><td>Postal Code:</td><td>27703</td></tr></table>		Name:	Cree, Inc.	Street Address:	4600 Silicon Drive	City:	Durham	State/Country:	NORTH CAROLINA	Postal Code:	27703				
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PROPERTY NUMBERS Total: 1															
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Application Number:	13229752														
CORRESPONDENCE DATA															
Fax Number:	(919)238-2301														
Phone:	919-238-2300														
Email:	jalkove@wt-ip.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	WITHROW & TERRANOVA, P.L.L.C.														
Address Line 1:	100 REGENCY FOREST DRIVE														
Address Line 2:	SUITE 160														
Address Line 4:	CARY, NORTH CAROLINA 27518														
ATTORNEY DOCKET NUMBER:	1194-102														

OP \$40.00 13229752

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PATENT  
REEL: 027236 FRAME: 0077

NAME OF SUBMITTER:

Jennifer Alkove

**Total Attachments: 6**

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## ASSIGNMENT

This Assignment made by us, **Jason Patrick Henning**, a citizen of the United States of America, residing at 107 Juniper Court, City of Carrboro, State of North Carolina, **Qingchun Zhang**, a citizen of The People's Republic of China, residing at 108 Hickorywood Blvd, City of Cary, State of North Carolina, **Sei-Hyung Ryu**, a citizen of the Republic of Korea, residing at 102 Tawny Ridge Lane, City of Cary, State of North Carolina, **Anant Agarwal**, a citizen of the United States of America, residing at 208 Black Tie Lane, City of Chapel Hill, State of North Carolina, **John Williams Palmour**, a citizen of the United States of America, residing at 231 Devonbrook Lane, City of Cary, State of North Carolina, and **Scott Allen**, a citizen of the United States of America, residing at 2740 Weaver Hill Drive, City of Apex, State of North Carolina, hereinafter referred to as assignors;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **SCHOTTKY DIODE EMPLOYING RECESSES FOR ELEMENTS OF JUNCTION BARRIER ARRAY** for which we filed an application for Letters Patent of the United States on September 11, 2011, application number 13/229,752, and for which we have executed a declaration;

WHEREAS, **Cree, Inc.**, a corporation duly organized and existing under the laws of the State of North Carolina and having a principal place of business at 4600 Silicon Drive, City of Durham, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in the specification executed by us concurrently herewith, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and

valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over unto the said assignee, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said assignee, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that at the time of the execution and delivery of these presents we are the joint and lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that we will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without

charge to our said assignee, its successors or assigns, but at its or their expense;

We hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument;

For the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and we hereby authorize and empower the said assignee, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to our said assignee, its successor, assignee or nominee, but at its or their expense;

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

10-13-11  
Date

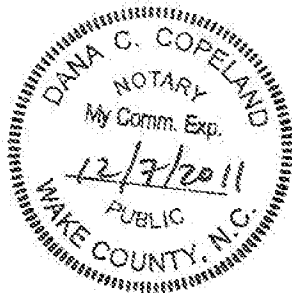
Jason Patrick Henning  
Jason Patrick Henning

Durham County  
State of North Carolina

I, Dana C. Copeland, a Notary Public for Durham County, North Carolina, do hereby certify that Jason Patrick Henning personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this 13<sup>th</sup> day of October, 2011.

(Official Seal)



Dana C. Copeland  
Notary Public

10/13/2011  
Date

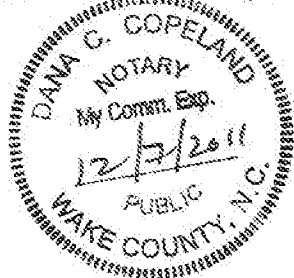
Qingchun Zhang  
Qingchun Zhang

Durham County  
State of North Carolina

I, Dana C. Copeland Notary Public for Durham County, North Carolina, do hereby certify that Qingchun Zhang personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this 13<sup>th</sup> day of October, 2011.

(Official Seal)



Dana C. Copeland  
Notary Public

10/13/2011

Date

Sei-Hyung Ryu

Sei-Hyung Ryu

Durham County  
State of North Carolina

I, Dana C. Copeland, a Notary Public for Durham County, North Carolina,  
do hereby certify that Sei-Hyung Ryu personally appeared before me this day and acknowledged  
the due execution of the foregoing instrument.

Witness my hand and official seal, this 13<sup>th</sup> day of October, 2011.

(Official Seal)

Dana C. Copeland  
Notary Public10/13/2011

Date

Anant Agarwal

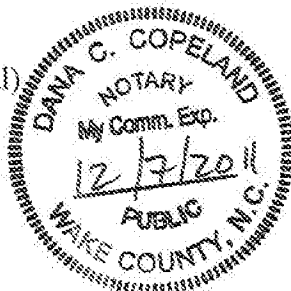
Anant Agarwal

Durham County  
State of North Carolina

I, Dana C. Copeland, a Notary Public for Durham County, North Carolina,  
do hereby certify that Anant Agarwal personally appeared before me this day and acknowledged  
the due execution of the foregoing instrument.

Witness my hand and official seal, this 13<sup>th</sup> day of October, 2011.

(Official Seal)

Dana C. Copeland  
Notary Public

10/13/11  
Date

John Williams Palmour  
John Williams Palmour

Durham County  
State of North Carolina

I, Dana C. Copeland, a Notary Public for Durham County, North Carolina, do hereby certify that John Williams Palmour personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this 13<sup>th</sup> day of October, 2011.

(Official Seal)



Dana C. Copeland  
Notary Public

10/13/2011  
Date

Scott Allen  
Scott Allen

Durham County  
State of North Carolina

I, Dana C. Copeland, a Notary Public for Durham County, North Carolina, do hereby certify that Scott Allen personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this 13<sup>th</sup> day of October, 2011.

(Official Seal)



Dana C. Copeland  
Notary Public