

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Mark D. Edmond</td> <td>04/24/2012</td> </tr> <tr> <td>Paul Kenneth Pickard</td> <td>04/25/2012</td> </tr> <tr> <td>Larry T. Searce Jr.</td> <td>04/19/2012</td> </tr> <tr> <td>James Michael Lay</td> <td>04/19/2012</td> </tr> <tr> <td>Praneet Athalye</td> <td>04/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mark D. Edmond	04/24/2012	Paul Kenneth Pickard	04/25/2012	Larry T. Searce Jr.	04/19/2012	James Michael Lay	04/19/2012	Praneet Athalye	04/19/2012
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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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CORRESPONDENCE DATA													
<p>Fax Number: (805)373-0051</p> <p>Phone: 805-373-0060</p> <p>Email: GENERALMAIL@KOPPELPATENT.COM</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: KOPPEL, PATRICK, HEYBL &amp; PHILPOTT</p> <p>Address Line 1: 2815 Townsgate Road</p> <p>Address Line 2: SUITE 215</p> <p>Address Line 4: Westlake Village, CALIFORNIA 91361-5827</p>													
ATTORNEY DOCKET NUMBER:	P1492US1-3												
NAME OF SUBMITTER:	Brian J. Philpott												

CH \$40.00 13429080

**Total Attachments: 4**

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## A S S I G N M E N T

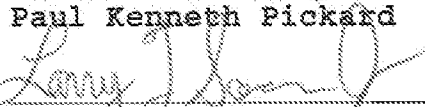
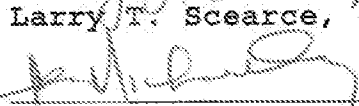
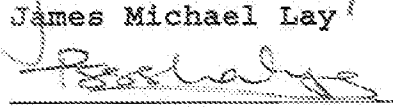
We, MARK D. EDMOND, residing in Raleigh, North Carolina, PAUL KENNETH PICKARD, residing in Morrisville, North Carolina, LARRY T. SCEARCE, JR., residing in Durham, North Carolina, JAMES MICHAEL LAY, residing in Cary, North Carolina, and PRANEET ATHALYE, residing in Morrisville, North Carolina, represent that we have invented improvements in a new and useful "MODULAR INDIRECT TROFFER" for which we have filed U.S. Patent Application Serial No. 13/429,080, on March 23, 2012.

CREE, INC. is a corporation organized and existing under the laws of the State of North Carolina, has a place of business at 4600 Silicon Drive, Durham, North Carolina 27703, and desires to acquire the entire right, title and interest in and to the invention, application and letters patent to be granted and issued thereon.

For valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we have sold and do hereby sell, assign, transfer and set over unto CREE, its successors and assigns, the entire right, title and interest in and to the invention and all improvements thereon, in and to the application for letters patents thereon, in and to applications pertaining to or based upon the invention and application, including divisional and continuing applications and continuations-in-part, and in and to any and all letters patent which may be granted and issued on the invention and applications, or any of them, in the United States of America, its territories and possessions, and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

We also agree that we will, at the request of CREE, execute any and all applications for letters patent for the invention, execute any and all other papers and documents and do all other and further lawful acts that CREE may deem necessary or desirable to obtain letters patent on the invention, to secure the grant of such letters patent and to protect and vest in CREE, the undivided interests in the right, title and interest in the invention, applications and letters patent.

We also authorize and empower CREE, its successors and assigns to apply for and obtain, in its or their own names, letters patent for the invention before competent International Authorities and in any and all countries foreign to the United States in which applications for letters patent can be so made or letters patent so obtained.

Date: 24 April, 2012
  
 Mark D. Edmond
Date: 25 April, 2012
  
 Paul Kenneth Pickard
Date: April 19, 2012, 2012
  
 Larry T. Searce, Jr.
Date: April 19, 2012, 2012
  
 James Michael Lay
Date: 4/19/2012, 2012
  
 Praneet Athalye

STATE OF NORTH CAROLINA  
 COUNTY OF DURHAM

I, Darlene D. Tallent, a Notary Public for Durham County, North Carolina, do hereby certify that Mark D. Edmond personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 24<sup>th</sup> day of April, 2012.


  
 Notary Public
My Commission Expires: 9-2-2014

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM

I, Darlene D. Tallent, a Notary Public for Durham County, North Carolina, do hereby certify that Paul Kenneth Pickard personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 25<sup>th</sup> day of April, 2012.



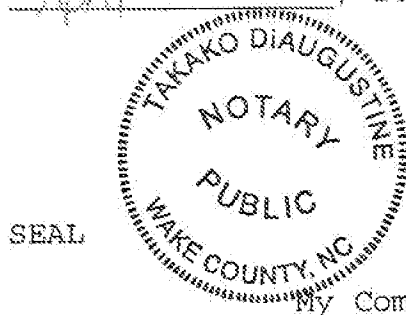
Darlene D. Tallent  
Notary Public

My Commission Expires: 9-2-2014

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM

I, Takako DiAugustine, a Notary Public for Wake County, North Carolina, do hereby certify that Larry T. Searce, Jr. personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 19<sup>th</sup> day of April, 2012.



Takako DiAugustine  
Notary Public

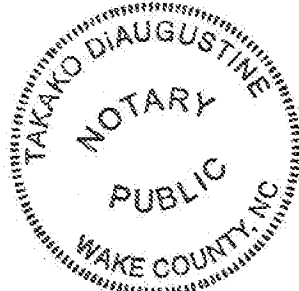
My Commission Expires: May 11, 2013

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM

I, Takako Diaugustine, a Notary Public for Wake County,  
North Carolina, do hereby certify that **James Michael Lay** personally  
appeared before me this day and acknowledged the due execution of  
the foregoing instrument.

Witness my hand and official seal, this the 19<sup>th</sup> day of  
April, 2012.

SEAL



Takako Diaugustine  
Notary Public

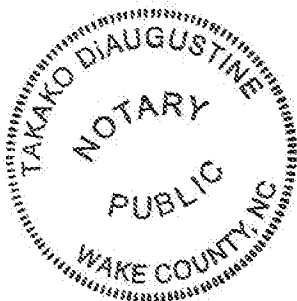
My Commission Expires: May 11, 2013

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM

I, Takako Diaugustine, a Notary Public for Wake County,  
North Carolina, do hereby certify that **Praneet Athalye** personally  
appeared before me this day and acknowledged the due execution of  
the foregoing instrument.

Witness my hand and official seal, this the 19<sup>th</sup> day of  
April, 2012.

SEAL



Takako Diaugustine  
Notary Public

My Commission Expires: May 11, 2013