

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Timothy J. O'Sullivan	09/30/2008
Nicholas W. Medendorp Jr.	09/29/2008
Paul Kenneth Pickard	09/26/2008
RECEIVING PARTY DATA	
Name:	Cree, LED Lighting Solutions, Inc.
Street Address:	4600 Silicon Drive
City:	Durham
State/Country:	NORTH CAROLINA
Postal Code:	27703
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12245458
CORRESPONDENCE DATA	
Fax Number:	(919)854-1400
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	919-854-1400
Email:	kcarlos@myersbigel.com
Correspondent Name:	MYERS BIGEL SIBLEY & SAJOVEC, P.A.
Address Line 1:	P.O. BOX 37428
Address Line 4:	RALEIGH, NORTH CAROLINA 27627
ATTORNEY DOCKET NUMBER:	5308-996
NAME OF SUBMITTER:	Kirsten S. Carlos
<p>Total Attachments: 4</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>	

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**PATENT**  
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### ASSIGNMENT

THIS ASSIGNMENT, made by us, **Timothy J. O'Sullivan**, citizen of the United States of America, residing at 1301 Milvaney Court, Raleigh, North Carolina 27615; **Nicholas W. Medendorp, Jr.**, a citizen of the United States of America, residing at 1129 Devlin Court, Raleigh, North Carolina 27614; and **Paul Kenneth Pickard**, citizen of the United States of America, residing at 1325 Legendary Lane, Morrisville, North Carolina 27560;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements **ACTIVE THERMAL MANAGEMENT SYSTEMS FOR ENCLOSED LIGHTING AND MODULAR LIGHTING SYSTEMS INCORPORATING THE SAME** for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 12/245,458, filed 10/3/2008) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **Cree, LED Lighting Solutions, Inc.**, a North Carolina corporation having a principal place of business at 4600 Silicon Drive, Durham, County 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 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.


## ASSIGNMENT – CONTINUED

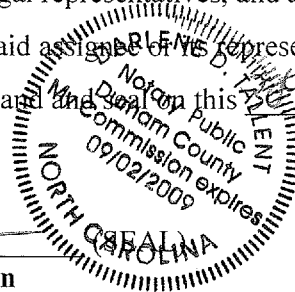
We hereby request that said Letters Patent be issued in accordance with this assignment.

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 20 day of September, 2008.

  
Timothy J. O'Sullivan



STATE OF NORTH CAROLINA )  
 )  
 ) SS:  
COUNTY OF Durham )

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 30<sup>th</sup> day of September, 2008.

Darlene D. Gallant  
Notary Public



My Commission Expires:

## ASSIGNMENT – CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 12 day of SEP, 2008.

**Nicholas W. Medendorp, Jr.**



STATE OF NORTH CAROLINA )  
 ) SS:  
COUNTY OF Durham )

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 29<sup>th</sup> day of September, 2008.

Notary Public

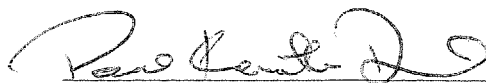


My Commission Expires: 09/02/2011

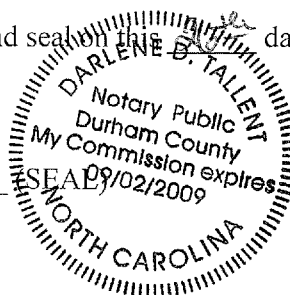
ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 26<sup>th</sup> day of

September, 2008.



Paul Kenneth Pickard



STATE OF NORTH CAROLINA    )  
COUNTY OF Durham        ) ss:

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 26<sup>th</sup> day of September, 2008.



  
Notary Public

My Commission Expires: 9/2/2009