

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>John J. Trainor</td> <td>05/21/2012</td> </tr> <tr> <td>James A. McBryde</td> <td>05/21/2012</td> </tr> <tr> <td>Randall L. Powers</td> <td>05/21/2012</td> </tr> <tr> <td>Joseph P. Chobot</td> <td>05/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	John J. Trainor	05/21/2012	James A. McBryde	05/21/2012	Randall L. Powers	05/21/2012	Joseph P. Chobot	05/21/2012
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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: 9198541401 Phone: 919-854-1400 Email: kcarlos@myersbigel.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: Myers Bigel Sibley & Sajovec, P.A./ksc Address Line 1: 4140 Parklake Avenue Address Line 2: Suite 600 Address Line 4: Raleigh, NORTH CAROLINA 27612</p>											
ATTORNEY DOCKET NUMBER:	5308-1709										
NAME OF SUBMITTER:	Kirsten S. Carlos										

CH \$40.00 13466324

Total Attachments: 5

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **John J. Trainor**, a citizen of the United States of America, residing at 5809 Wintergreen Drive, Raleigh, NC 27609; **James A. McBryde**, a citizen of the the United States of America, residing at 4305 Willow Lake Road, Raleigh, NC 27616; **Randall L. Powers**, a citizen of the United States of America, residing at 3001 Oxbow Ct., Raleigh, NC 27613; and **Joseph P. Chobot**, a citizen of the United States of America, residing at 1323 Winter Walk Circle, Morrisville, NC 27560;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in ***EMERGENCY LIGHTING SYSTEMS INCLUDING BIDIRECTIONAL BOOSTER/CHARGER CIRCUITS***, 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 13/412,304 filed May 8, 2012 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.

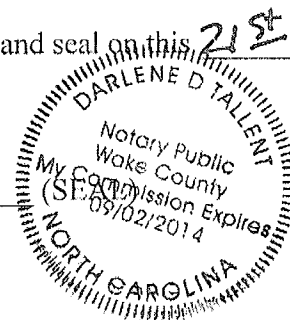
We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of 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 21st day of

May, 2012

John J. Trainor

John J. Trainor



STATE OF NORTH CAROLINA)

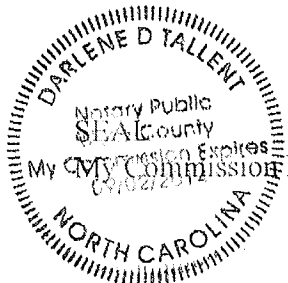
) ss:

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 21st day of May, 2012

Darlene D. Tallent

Notary Public



Expires: 9-2-2014

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 21st day of January, 2020.

May, 2012

James A. McBryde

[illegible]

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 21st day of May, 2012.

Notary Public

Expires:

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 21st day of

May, 2012.

Randall L. Powers

Randall L. Powers



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 21st day of May, 2012

Darlene D. Talent

Notary Public



My Commission Expires: 9-2-2014

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 21st day of

_____, 2012.

Joseph P. Chobot

[illegible]

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 12 day of March, 2012

Dore D. Salt
Notary Public

My Commission Expires: 9-2-2014