

## PATENT ASSIGNMENT

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 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>Paul Kenneth PICKARD</td> <td>04/01/2013</td> </tr> <tr> <td>Jason TAYLOR</td> <td>03/27/2013</td> </tr> <tr> <td>Antony Paul VAN DE VEN</td> <td>04/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Paul Kenneth PICKARD	04/01/2013	Jason TAYLOR	03/27/2013	Antony Paul VAN DE VEN	04/11/2013		
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Paul Kenneth PICKARD	04/01/2013										
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Antony Paul VAN DE VEN	04/11/2013										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13804935</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13804935						
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CORRESPONDENCE DATA											
Fax Number:	3152338320										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	315-233-8300										
Email:	tpreston@burrandbrown.com										
Correspondent Name:	BURR & BROWN										
Address Line 1:	PO BOX 7068										
Address Line 4:	SYRACUSE, NEW YORK 13261-7068										
ATTORNEY DOCKET NUMBER:	931_141 NP										
NAME OF SUBMITTER:	Kevin C. Brown										
Signature:	/KCBrown/										
Date:	06/21/2013										

CH \$40.00 13804935

Total Attachments: 6

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ASSIGNMENT

- (1)-(3) Insert Name(s) of Inventor(s) (1) Paul Kenneth PICKARD
- (2) Jason TAYLOR
- (3) Antony Paul VAN DE VEN
- (4) \_\_\_\_\_
- (5) \_\_\_\_\_

In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

- (6) Insert name of Assignee (6) Cree, Inc.
- (7) Insert address of Assignee (7) 4600 Silicon Drive  
Durham, NC 27703

(hereinafter designated as the Assignee(s) the entire right, title and interest worldwide in the invention(s), and all application(s) for patent and any Letters Patent which may be granted therefor, known as

- (8) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (8) HIGH EFFICIENCY LIGHTING DEVICE INCLUDING ONE OR MORE SOLID STATE LIGHT EMITTERS, AND METHOD OF LIGHTING  
(Case No. 931 141 NP)

for which the undersigned have filed the following application for patent in the United States of America

- (9) Alternative identification (9) U.S. Application(s) Serial Number(s) 13/804,935 filed March 14, 2013

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid patent to the Assignee in any country or territory in the world.

5) The undersigned hereby authorize(s) and request(s) the issuance of any and all Letters Patents resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of BURRE & BROWN the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of any Patent and/or Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 4/1/13 Signature  (SEAL)  
Paul Kenneth PICKARD

---

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)  
Jason TAYLOR

---

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)  
Antony Paul VAN DE VEN

---

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

ASSIGNMENT

- (1-4) Insert Name(s) of Inventor(s)
- (1) Paul Kenneth PICKARD
  - (2) Jason TAYLOR
  - (3) Antony Paul VAN DE VEN
  - (4) \_\_\_\_\_
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Date 3/27/2013 Signature  (SEAL)  
Jason TAYLOR

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)  
Antony Paul VAN DE VEN

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

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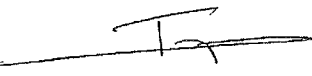
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Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)  
Paul Kenneth PICKARD

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Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)  
Jason TAYLOR

---

Date 11-4-2013 Signature  \_\_\_\_\_ (SEAL)  
Antony Paul VAN-DE VEN

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Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)