

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Antony Paul VAN DE VEN	02/15/2011
Paul THIEKEN	04/26/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Cree, Inc.
<b>Street Address:</b>	4600 Silicon Drive
<b>City:</b>	Durham
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27703
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13022978
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(315)233-8320
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	315-233-8300
<b>Email:</b>	tpreston@burrandbrown.com
<b>Correspondent Name:</b>	BURR & BROWN
<b>Address Line 1:</b>	PO BOX 7068
<b>Address Line 4:</b>	SYRACUSE, NEW YORK 13261-7068
<b>ATTORNEY DOCKET NUMBER:</b>	931_123 NP2
<b>NAME OF SUBMITTER:</b>	Kevin C. Brown
<b>Total Attachments: 4</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

**CH \$40.00 13022978**

ASSIGNMENT

- (1-4) Insert Name(s) of Inventor(s) (1) Antony Paul VAN DE VEN
- (2) Paul THIEKEN
- (3) \_\_\_\_\_
- (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) LIGHTING DEVICES THAT COMPRISE ONE OR MORE SOLID STATE LIGHT EMITTERS  
(Case No. 931 123 NP2)

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) 13/022,978 filed February 8, 2011

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 BURR & 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 15 Feb 2011 Signature [Signature] (SEAL)  
Antony Paul VAN DE VEN

Date 15 Feb 2011 Witness [Signature]

Date 15 Feb 2011 Witness [Signature]

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)  
Paul THIEKEN

State of North Carolina )  
County of Durham )

Before me personally appeared said \_\_\_\_\_ and acknowledged the foregoing instrument to be his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

ASSIGNMENT

- (1-4) Insert Name(s) of Inventor(s)
- (1) Antony Paul VAN DE VEN
  - (2) Paul THEIKEN
  - (3) \_\_\_\_\_
  - (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
- (7) Insert address of Assignee
- (6) Cree, Inc.
  - (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) LIGHTING DEVICES THAT COMPRISE ONE OR MORE SOLID STATE LIGHT EMITTERS  
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6) The undersigned hereby grant(s) the firm of BURR & 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 \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)  
Antony Paul VAN DE VEN

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date 4-26-2011 Signature *Paul Thieken* (SEAL)  
Paul THIEKEN

State of North Carolina )  
County of Durham )

Before me personally appeared said Paul Thieken and acknowledged the foregoing instrument to be his/her free act and deed this 26<sup>th</sup> day of April, 2011.

*Takako Hayashi*  
Notary Public

My commission expires: May 11, 2013

