PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Antony Paul VAN DE VEN	10/06/2009
Wai Kwan CHAN	10/06/2009
Ho Chin WAH	10/06/2009

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:	12566861

CORRESPONDENCE DATA

Fax Number: (315)233-8320

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 315-233-8300

Email: tpreston@burrandbrown.com

Correspondent Name: **BURR & BROWN** PO BOX 7068 Address Line 1:

SYRACUSE, NEW YORK 13261-7068 Address Line 4:

ATTORNEY DOCKET NUMBER: 931_113 NP NAME OF SUBMITTER: Kevin C. Brown

Total Attachments: 2

source=Assignment#page1.tif source=Assignment#page2.tif

REEL: 023647 FRAME: 0189

ASSIGNMENT

(1-4) Insert Name(s) of Inventor(s)		(1)	Antony Paul VAN DE VEN	
		(2)	Wai Kwan CHAN	
		(3)	Ho Chin WAH	
	·	(4)	Name of the state	
	·	(5)		
		valuat	sideration of the sum of dollar (\$1.00) and other good and ole consideration paid to each of the undersigned, the undersigned agree(s) gn, and hereby does assign, transfer and set over to	
(6) Insert name of Assignee		(6)	Cree LED Lighting Solutions, Inc.	
(7) Insert address of Assignee		(7)	4600 Silicon Drive Durham, NC 27703	
(8)	Insert Identification of	world	nafter designated as the Assignee(s) the entire right, title and interest wide in the invention(s), and all application(s) for patent and any Letters which may be granted therefor, known as	
	Invention, such as Title, Case Number or Foreign Application Number		EMITTERS (Case No. 931_113 NP)	
	11411144			
			nich the undersigned have filed the following application for patent in the I States of America	
(9) .	Alternative identification	(9) .	U.S. Application(s) Serial Number(s) 12/566,861 filed September 25, 2009	

- 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.

PATENT REEL: 023647 FRAME: 0190

- 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_	060072009	Signature -	Antony Paul VAN DE VEN	(SEAL)
Date_	060072009	Witness	Aldej	
Date_	06 0072009	Witness	<u>M</u> o	
Date _	06 007,2009	Signature	Wai Kwan CHAN	(SEAL)
Date_	060072009	. Witness		
Date_	060072009	. Witness	V.J.	
	060072009	Signature	Donce, Ho Chin WAH	(SEAL)
Date_	06 007 2009	. Witness	Milig	7110°8011
Date_	06 0072009	Witness	Ukh	

RECORDED: 12/14/2009