502006395 07/30/2012

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	07/27/2012

RECEIVING PARTY DATA

Name:	Cree, Inc.
Street Address:	4600 Silicon Drive
City:	Durham
State/Country:	NORTH CAROLINA
Postal Code:	27703

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13561388

CORRESPONDENCE DATA

 Fax Number:
 9192382301

 Phone:
 919-238-2300

 Email:
 patents@wt-ip.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: WITHROW & TERRANOVA, P.L.L.C.
Address Line 1: 100 REGENCY FOREST DRIVE

Address Line 2: SUITE 160

Address Line 4: CARY, NORTH CAROLINA 27518

ATTORNEY DOCKET NUMBER: 1194-074

NAME OF SUBMITTER: Jennifer Alkove

Total Attachments: 3

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<u>PATENT</u>

REEL: 028674 FRAME: 0179

502006395

ASSIGNMENT

This Assignment made by me, **Antony Paul van de Ven**, a citizen of Australia, residing at D45 Marina Cove, 380 Hiram's Highway, Sai Kung, NT, Hong Kong;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in

LIGHTING DEVICE WITH VARIABLE COLOR RENDERING BASED ON AMBIENT

LIGHT for which I am about to make application for Letters Patent of the United States, and for which I have executed a declaration;

WHEREAS, Cree, Inc., a corporation duly organized and existing under the laws of the State of North Carolina and having a principal place of business at 4600 Silicon Drive, City 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 the specification executed by us concurrently herewith, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over unto the said assignee, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said assignee, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not

PATENT REEL: 028674 FRAME: 0180 been made:

And for the consideration aforesaid, I hereby covenant and agree to and with the said assignee, its successors and assigns, that at the time of the execution and delivery of these presents I am the lawful owner of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that I have good right and lawful authority to sell and convey the same in the manner herein set forth;

And for the consideration aforesaid, I hereby covenant and agree to and with the said assignee, its successors and assigns, that I will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to our said assignee, its successors or assigns, but at its or their expense:

I hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument:

For the consideration aforesaid, I have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and I hereby authorize and empower the said assignee, its successors, assigns or nominees to apply for Letters Patent or

PATENT REEL: 028674 FRAME: 0181 other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and I hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to said assignee, its successor, assignee or nominee, but at its or their expense;

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

July 27 2012

Antony Paul van de Ven

PATENT REEL: 028674 FRAME: 0182

RECORDED: 07/30/2012