Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (exp. 03/31/2012)	U.S. DEPARTMENT OF COMMERCE			
	United States Patent and Trademark Off ORM COVER SHEET			
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(les)	2. Name and address of receiving party(ies)			
TAO TONG, RONAN LETOQUIN, BERND KELLER, JAMES IBBETSON and	Name:cree, inc.			
GERALD NEGLEY	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X No				
3. Nature of conveyance/Execution Date(s):	Street Address: 4600 SILICON DRIVE			
Execution Date(s)2-23-11 2-23-11 2-23-11 2-23-11				
Assignment Merger				
Security Agreement Change of Name	City: DURHAM			
Joint Research Agreement	State: NC			
Government Interest Assignment	Country: U.S.A. Zip: 27703			
Executive Order 9424, Confirmatory License	Z.p. 27/03			
Other	Additional name(s) & address(es) attached? Yes X No			
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application.			
7 W. Storie (1901)	B. Patent No.(s)			
13/028,863				
Additional numbers atta				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: <u>JAYE G. HEYBL</u>				
Internal Address: KOPPEL, PATRICK, HEYBL & PHILPOTT	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40			
	Authorized to be charged to deposit account			
Street Address: 2815 TOWNSGATE ROAD, SUITE 215	Enclosed			
	None required (government interest not affecting title)			
City: WESTLAKE VILLAGE	8. Payment Information			
State: CA Zip: 91361				
Phone Number: (805) 373-0060				
Fax Number: 1805) 373-0051	Deposit Account Number 11-1580			
Email Address: generalmail@koppelpatent.com	Authorized User Name STEVEN C. PATRICK			
). Signature:				
Signature	5//9/// Date			
JAYE G. HEYBL	Total number of pages including cover			
Name of Person Signing	sheet, attachments, and documents: 5			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or malled to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

ASSIGNMENT

We, TAO TONG, residing in Oxnard, California, RONAN LETOQUIN, residing in Fremont, California, BERND KELLER, residing in Santa Barbara, California, JAMES IBBETSON, residing in Santa Barbara, California, and GERALD NEGLEY, residing in Durham, North Carolina, represent that we have invented improvements in a new and useful "ENHANCED COLOR RENDERING INDEX EMITTER THROUGH PHOSPHOR SEPARATION" for which we have executed an application for Letters Patent of the United States of America.

CREE, INC.(CREE) is a corporation organized and existing under the laws of the State of North Carolina, has a place of business at, 4600 Silicon Drive, Durham, North Carolina 27703 and desires to acquire the entire right, title and interest in and to the invention, application and letters patent to be granted and issued thereon.

For valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we have sold and do hereby sell, assign, transfer and set over unto CREE, its successors and assigns, the entire right, title and interest in and to the invention and all improvements thereon, in and to the application for letters patents thereon, in and to applications pertaining to or based upon the invention and application, including divisional and continuing applications and continuations-in-part, and in and to any and all letters patent which may be granted and issued on the invention and applications, or any of them, in the United States of America, its territories and possessions, and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

We also agree that we will, at the request of CREE, execute any and all applications for letters patent for the invention, execute any and all other papers and documents and do all other and further lawful acts that CREE may deem necessary or desirable to obtain letters patent on the invention, to secure the grant of such letters patent and to protect and vest in CREE, the undivided interests in the right, title and interest in the invention, applications and letters patent.

We also authorize and empower CREE, its successors and assigns to apply for and obtain, in its or their own names, letters patent for the invention before competent International Authorities and

PATENT REEL: 026320 FRAME: 0043

Page two

in any and all countries foreign to the United States in which applications for letters patent can be so made or letters patent so obtained.

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Date: _	3/23	, 2011	
			TAO TONG
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	•		BERND KELLER
Date: _	2/23	, 2011	XV/hed_
	*		JAMES IBBETSON
Date: _		, 2011	
			GERALD NEGLEY

STATE OF CALIFORNIA

) SS.

COUNTY OF SAYNA BARZARA

On title of the officer), personally appeared TAO TONG, RONAN LETOQUIN, BERND KELLER JAMES IBBETSON and GERALD NEGLEY, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of CALVERY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

(Seal)

JEFFERY KENT DAVIDSON
Commission # 1837917
Notary Public - California
Santa Barbara County
My Comm. Expires May 22, 2013

ASSIGNMENT

We, TAO TONG, residing in Oxnard, California, RONAN LETOQUIN, residing in Fremont, California, BERND KELLER, residing in Santa Barbara, California, JAMES IBBETSON, residing in Santa Barbara, California, and GERALD NEGLEY, residing in Durham, North Carolina, represent that we have invented improvements in a new and useful "ENHANCED COLOR RENDERING INDEX EMITTER THROUGH PHOSPHOR SEPARATION" for which we have executed an application for Letters Patent of the United States of America.

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For valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we have sold and do hereby sell, assign, transfer and set over unto CREE, its successors and assigns, the entire right, title and interest in and to the invention and all improvements thereon, in and to the application for letters patents thereon, in and to applications pertaining to or based upon the invention and application, including divisional and continuing applications and continuations-in-part, and in and to any and all letters patent which may be granted and issued on the invention and applications, or any of them, in the United States of America, its territories and possessions, and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

We also agree that we will, at the request of CREE, execute any and all applications for letters patent for the invention, execute any and all other papers and documents and do all other and further lawful acts that CREE may deem necessary or desirable to obtain letters patent on the invention, to secure the grant of such letters patent and to protect and vest in CREE, the undivided interests in the right, title and interest in the invention, applications and letters patent.

We also authorize and empower CREE, its successors and assigns to apply for and obtain, in its or their own names, letters patent for the invention before competent international Authorities and

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Page two

in any and all countries foreign to the United States in which applications for letters patent can be so made or letters patent so obtained.

Date:	, 2011
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Date:	. 2011
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COUNTY OF)	
On	before me,
and title of the officer), p	before me,, (here insert namersonally appeared TAO TONG, RONAN LETOQUIN, BERND KELLER
evidence to be the ner	GERALD NEGLEY, who proved to me on the basis of satisfactor, son(s) whose name(s) is/are subscribed to the within instrument and
acknowledged to me that	he/she/they executed the same in his/her/their authorized capacity(ies), and
that by his/her/their signs the person(s) acted, execu	ture(s) on the instrument the person(s), or the entity upon behalf of which
the person(s) acted, exect	ted the instrument.
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I certify under PENALTY foregoing paragraph is tru	OF PERJURY under the laws of the State of that the and correct.
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Page three

DAO.

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STATE OF NORTH CAROLINA COUNTY OF DURHAM

I. <u>Daviene D. Tallen</u> a Notary Public for <u>Duyham</u> County, North Carolina, do hereby certify that **GERALD NEGLEY** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

February 2011 Witness my hand and official seal, this the 22

ensinission Expires:

PATENT REEL: 026320 FRAME: 0047

RECORDED: 05/19/2011