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LONG LARRY LE, PAUL PICKARD, JAMES MICHAEL LAY, TAO TONG, RONAN LETOQUIN, BERND KELLER, ERIC TARSA, MARK YOUMANS,	Name: CREE, INC.			
THEODORE LOWES, NICHOLAS W. MEDENDORP, JR., ANTONY VAN DE VEN, GERALD NEGLEY	Internal Address:			
Additional name(s) of conveying party(ies) attached? Tyes X No				
3. Nature of conveyance/Execution Date(s):	Street Address: 4600 SILICON DRIVE			
Execution Date(s)PLEASE SEE ATTACHMENT A				
Assignment Merger Security Agreement Change of Name	City: <u>Durham</u>			
Joint Research Agreement	State: NC			
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Executive Order 9424, Confirmatory License	Country: U.S.A. Zip: 27703			
Other PLEASE SEE ATTACHMENT A	Additional name(s) & address(es) attached? Yes X No			
	intermeted a deal cooler) attached: [100 Fig. 100			
A. Patent Application No.(s)	B. Patent No.(s)			
13/028,946 Additional numbers att	ached? Yes No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: Jaye G. Heybl	With the Control of t			
Internal Address: KOPPEL PATRICK HEYBL & PHILPOTT	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40			
Memai Addiess. NOPPEL PATRICK HET DE & PHILPOTT	Authorized to be absended to done?			
	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			
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Fax Number: (805) 373-0051	Deposit Account Number 11-1580			
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9. Signature:	5/2/1			
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Name of Person Signing	sheet, attachments, and documents:			

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PATENT

ASSIGNMENT

We, LONG LARRY LE, residing in Morrisville, North Carolina, PAUL PICKARD, residing in Morrisville, North Carolina, JAMES MICHAEL LAY, residing in Cary, North Carolina, TAO TONG, residing in Oxnard, California, RONAN LETOQUIN, residing in Fremont, California, BERND KELLER, residing in Santa Barbara, California, ERIC TARSA, residing in Goleta, California, MARK YOUMANS, residing in Goleta, California, THEODORE LOWES, residing in Lompoc, California, NICHOLAS W. MEDENDORP, JR., residing in Raleigh, North Carolina, ANTONY VAN DE VEN, residing in Sai Kung, N.T., Hong Kong, and GERALD NEGLEY residing in Durham, North Carolina, represent that we have invented improvements in a new and useful "SOLID STATE LAMP AND BULB" 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

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	
		LONG LARRY LE
Date: _	, 2011	PAUL PICKARD
		PAUL PICKARD
Date: _		
		JAMES MICHAEL LAY
Date: _	2/23,2011	
		TAO TONG
Date: _	<u>2/23</u> ,2011_	Spain.
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Date: _	Fd 23, 2011_	Coll tell
		BERND KELLED
Date:	2(2),2011_	ERIC TARSA
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Date:	<u>2/23</u> , 2011_	1/// / //
		MARK YOUMANS
Date:	2/28/11, 2011_	(Septer
		THEODORE LOWES
Date:	, 2011	
		NICHOLAS W. MEDENDORP, JR.
Date:		
		ANTONY VAN DE VEN
Date:	, 2011	
		GERALD NEGLEY

STATE OF CAMPOLIA
) SS.
COUNTY OF SONICA BARRAGA

FEBRUARY 23, 2011 & before me, JEFFELT LENT DAVIDSON and title of the officer), personally appeared LONG LARRY LE, PAUL PICKARD, JAMES--MICHAEL-LAY, TAO TONG, RONAN LETOQUIN, BERND KELLER, ERIC TARSA, MARK YOUMANS, THEODORE LOWES, NICHOLAS W. MEDENDORP, JR., ANTONY VAN DE VEN; 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.

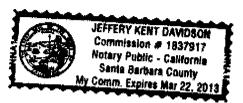
I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

(Seal)

M/J11-P1387US1-7assign



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California	1
County of SANTA BERBARD	}
On FESHMEY Date, 2011 before me, SEA	Hara Insert Name and Title of the Officer LAS LOWES
personally appeared	Place insert Name and Title of the Officer
	Mame(s) of Signer(s)
JEFFERY KENT DAVIDSON Commission # 1837917 Notary Public - California Santa Barbara County My Comm. Expires Mar 22, 2013	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 California that the foregoing paragraph is true and correct.
,	WITNESS my hand and official seal.
,	/ ₁ \(\sigma\)
PIECE NOTARY SARI ADOVE	Signature Signature of Notary Public
Though the information below is not required by law, it m	
and could prevent fraudulent removal and real	tay prove valuable to persons relying on the document trachment of this form to another document.
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Signer's Name:	Signer's Name; Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Officer Signer Is Representing:

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ASSIGNMENT

We, LONG LARRY LE, residing in Morrisville, North Carolina, PAUL PICKARD, residing in Morrisville, North Carolina, JAMES MICHAEL LAY, residing in Cary, North Carolina, TAO TONG, residing in Oxnard, California, RONAN LETOQUIN, residing in Fremont, California, BERND KELLER, residing in Santa Barbara, California, ERIC TARSA, residing in Goleta, California, MARK YOUMANS, residing in Goleta, California, THEODORE LOWES, residing in Lompoc, California, NICHOLAS W. MEDENDORP, JR., residing in Raleigh, North Carolina, ANTONY VAN DE VEN, residing in Sai Kung, N.T., Hong Kong, and GERALD NEGLEY residing in Durham, North Carolina, represent that we have invented improvements in a new and useful "SOLID STATE LAMP AND BULB" for which we have executed an application for Letters Patent of the United States of America.

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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.

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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: _	2/23/11	_, 2011	Jong Javy Le	
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Date: _	2/22/11	2011	25020	
	,		PAULPICKARD	
Date: _	2/22	201]	tanlichely	
	·		JAMES MICHAEL LAY	
Date:		2011	_	
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P**		2011		
Date: _		4011	RONAN LETOQUIN	
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Date:		_ 2011		
			BERND KELLER	
Date:		, 2011		
		THIRD THE	ERIC TARSA	
Data		2011		
Date:		, 2011	MARK YOUMANS	
Date:	and a market and a	, 2011	THEODORE LOUIS	
	,		THEODORE LOWES	
Date:	2/22	, 2011		
		-	NICHOLAS W. MEDENDORP, JR.	
Data		2011	,	
Date		, 2011	ANTONY VAN DE VEN	
	- 121 LOSV		α	. 1
Date: _	2/22/2000	, 2011	GERALD NEGLEY	
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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	
		LONG LARRY LE
Date:	, 2011	PAUL PICKARD
Date:	, 2011	JAMES MICHAEL LAY
		JAMES MICHAEL LAY
Date:	, 2011	TAO TONG
		TAO IONG
Date:	, 2011	RONAN LETOQUIN
		RONAN LETOQUET
Date:	, 2011	BERND KELLER
Date:	, 2011	ERIC TARSA
Date:	2011	MARK YOUMANS
	2011	
Date:	, 2011	THEODORE LOWES
Date:		NICHOLAS W. MEDENDUKP, JK
Date: 31 MARCH	2011	
Date.		ANTONY VAN DE VEN
Date:	. 2011	
		GERALD NEGLEY

STATE OF)
) ss. COUNTY OF)
On
I certify under PENALTY OF PERJURY under the laws of the State ofthat the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Signature (Seal)
M/JII-P1387US1-7assign
STATE OF NORTH CAROLINA COUNTY OF DURHAM I, Date Date , a Notary Public for Durham County, North Carolina, do hereby certify that LONG LARRY LE personally appeared before me this day and acknowledged
the due execution of the foregoing instrument.
Witness my hand and official seal, this the 23 day of February, 20.
Notory Public Notory Public Notary Public No
CAR Office Commission Expires: 9-2-2014

STATE	OF	NORTH	ICARO	DLINA
COUNT	Y C	OF DUR	HAM	

I, <u>Day leve D. Tallent</u>, a Notary Public for <u>Duy now</u> County, North Carolina, do hereby certify that PAUL PICKARD personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 23 day of February 2011.

WITNESS my hand and official seal, this the 23 day of February 2011.

Notary Public

Notocy Public Walke County

EMy Commission Exp

09/02/29/My

CAROLINIA With County
Commission Expires
09/02/29/My Continuission Expires:
4.2-2014

STATE OF NORTH CAROLINA **COUNTY OF DURHAM**

I, Darles D. Tallest, a Notary Public for Durham County, North Carolina, do hereby certify that JAMES MICHAEL LAY personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 23 day of February, 2011.

My Commission Expires: 9-2- Z014

STATE OF NORTH CAROLINA COUNTY OF DURHAM

I, Darlene D. Tallent . a Notary Public for Durham County, North Carolina, do hereby certify that NICHOLAS W. MEDENDORP, JR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 13 day of February

My Communication Expires:

STATE OF NORTH CAROLINA COUNTY OF DURHAM

I, Day lene D. Allenta Notary Public for Luy ham County, North Carolina, do hereby certify that GERALD NEGLEY personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 23 day of February, 2011

Darlane O Salbut

Notory Public Wake County
O9/02/2014

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Control stion Expires

My Commission Expires: 9-2-2014

Date: 31 MARCH 2011 2011 ANTONY VAN DE VEN

Witnessed by:

Date: 31 MARCH JOH

Signature: / Lufe/

Date: 31 mare Cucholl

Signature: Name: