503037124 10/28/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3083722

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THEODORE LOWES	09/16/2014
KURT W. WILCOX	10/28/2014
BERND KELLER	09/16/2014
CHANDAN BHAT	09/16/2014

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:	14478571

CORRESPONDENCE DATA

Fax Number: (805)373-0051

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: KOPPEL, PATRICK, HEYBL & PHILPOTT 2815 TOWNSGATE RD., SUITE 215 Address Line 1:

Address Line 4: WESTLAKE VILLAGE, CALIFORNIA 91361

ATTORNEY DOCKET NUMBER:	P2326US1-7
NAME OF SUBMITTER:	JAYE G. HEYBL
SIGNATURE:	/Jaye G. Heybl/
DATE SIGNED:	10/28/2014

Total Attachments: 2

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> **PATENT REEL: 034050 FRAME: 0136** 503037124

ASSIGNMENT

We, THEODORE LOWES, residing in Lompoc, California, KURT W. WILCOX, residing in Libertyville, Illinois, BERND KELLER residing in Santa Barbara, California, and CHANDAN BHAT residing in Goleta, California, represent that we have invented improvements in a new and useful "LED PACKAGES WITH CHIPS HAVING INSULATED SURFACES" 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 Hong Kong, 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 self, 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 in any and all countries foreign to the United States in which applications for letters patent can be so

made oi	r letters patent so	obtained.	
Date: _	9/16	, 2014	
	·		THEODORE LOWES
Date: _		2014	
			KURT W. WILCOX
Date: _	Sept 16	, 2014	Thellill
_	,		BERND KELLER
Date:	9/16	, 2014	G. Bhov.
_			CHANDAN BHAT

ASSIGNMENT

We, THEODORE LOWES, residing in Lompoc, California, KURT W. WILCOX, residing in Libertyville, Illinois, BERND KELLER residing in Santa Barbara, California, and CHANDAN BHAT residing in Goleta, California, represent that we have invented improvements in a new and useful "LED PACKAGES WITH CHIPS HAVING INSULATED SURFACES" 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 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:	, 2014		
		THEODORE LOWES	
Date: 25 Oct	, 2014		
	ď	KURT W. WILCOX	
Date:	, 2014		
<u> </u>		BERND KELLER	
Date:	, 2014		
		CHANDAN BHAT	

PATENT REEL: 034050 FRAME: 0138

RECORDED: 10/28/2014