506777619 07/21/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6824436

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES IBBETSON	02/09/2009
TING LI	02/09/2009
MONICA HANSEN	02/09/2009

RECEIVING PARTY DATA

Name:	CREE, INC.	
Street Address:	340 STORKE ROAD	
City:	GOLETA	
State/Country:	CALIFORNIA	
Postal Code:	93117	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13071349

CORRESPONDENCE DATA

Fax Number: (877)812-1249

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.

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

Phone: 919-238-2300
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Correspondent Name: WITHROW + TERRANOVA
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Address Line 4: CARY, NORTH CAROLINA 27511

ATTORNEY DOCKET NUMBER:	3394-165C
NAME OF SUBMITTER:	KAT M. KENNY
SIGNATURE:	/Kat M. Kenny/
DATE SIGNED:	07/21/2021

Total Attachments: 5

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PATENT 506777619 REEL: 056932 FRAME: 0650

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PATENT REEL: 056932 FRAME: 0651 8053730051

Form PTO-1595 (Rev. 01-09) OMB No. 0651-0027 (exp. 02/28/2009)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
Docket No. P1024US-7 RECORDATION FORM 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(ies)	2. Name and address of receiving party(les)			
THE STATE OF THE S	Name: CREE, INC.			
JAMES IBBETSON, TING LI AND MONICA HANSEN	Internal Address:			
Additional name(s) of conveying party(les) attached? Yes X No 3. Nature of conveyance/Execution Date(s):	Street Address: 340 STORKE ROAD			
Execution Date(s) 02/09/2009				
Assignment Merger				
Security Agreement Change of Name	City: GOLETA			
Joint Research Agreement	State: CA			
Government Interest Assignment Great P424 Confirmatory License	Country: <u>U.S.A.</u> Zip: <u>93117</u>			
Executive Order 9424, Confirmatory License	Additional and Appendix of the Appendix Orange (A) Ma			
Other 4. Application or patent number(s):	Additional name(s) & address(es) attached? Yes No document is being filed together with a new application.			
A, Patent Application No.(s)	B. Patent No.(s)			
1.4. Creates debugging to the fall				
12/316,097				
Additional numbers at	Additional numbers attached? Yes XNo			
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	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40			
Internal Address: KOPPEL, PATRICK, HEYBL & DAWSON	, , , , , , , , , , , , , , , , , , , ,			
	X 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) 373-00060	Deposit Account Number _11-1580			
Fax Number:_(805) 373-0051				
Email Address: generalmall@koppelpatent.com	Authorized User Name STEVEN C. PATRICK			
9. Signature:	2/24/89 Data			
Signature	Total number of pages including cover			
JAYE G. ĤEYBL Name of Person Signing	sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Docket No. P1024US-7

ASSIGNMENT

We, JAMES IBBETSON, residing in Santa Barbara, California, TING LI, residing in Ventura, California and MONICA HANSEN, residing in Santa Barbara, California represent that we have invented improvements in a new and useful "COMPOSITE HIGH REFLECTIVITY LAYER" 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, 340 Storke Road, Goleta, California 93117 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 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. Page two

PATENT REEL: 056932 FRAME: 0653

Docket No. P1024US-7

Date: $\frac{2/9/89}{}$, 2008

Date: 2/9/09 ____, 2008 ___

STATE OF CALIFORNIA

COUNTY OF

on February, 2009 before me, Jeffelt Ver Davison, Notaly Pages (here insert name and title of the officer), personally appeared JAMES IBBETSON, TING LI and MONICA HANSEN 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.

Signature

(Seal)

M/J8-P1024US-7assign

JEFFERY KENT DAVIDSON Commission # 1562785 Notary Public - California Santa Barbara County Comm. Expires Mar 22, 200

PATENT

REEL: 056932 FRAME: 0654

Docket No. P1024US-7 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: IBBETSON et al. Examiner: unknown

Serial No. 12/316,097 Art Unit: 2811

Filing Date: December 8, 2008

For: COMPOSITE HIGH REFLECTIVITY LAYER

Mail Stop Assignment Recordation Services Director of the USPTO P.O. Box 1450 Alexandria, VA 22313-1450

RECORDATION COVERSHEET TRANSMITTAL

Sir:

Transmitted herewith is an executed Assignment and Recordation Coversheet.

If any additional fee is required, charge Account No. 11-1580. A duplicate of this transmittal is attached.

Respectfully submitted,

Date: 2/29/09

Registration No. 42,661 Attorney for Applicant

KOPPEL, PATRICK, HEYBL & DAWSON

2815 Townsgate Road, Suite 215 Westlake Village, California 91361

Telephone: (805) 373-0060

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper (along with any papers referred to as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office at:

(571) 273-0140 on the date shown below:

Marianne Middleton

KOPPEL, PATRICK, HEYBL & DAWSON A Professional Law Corporation

STEVEN C. PATRICK JAYE G. HEYBL JAMES K. DAWSON BRIAN J. PHILPOTT LORI C. TRUJILLO ABHAY M, KULKARNI Senior Counsel MICHAEL J. RAM, D. Sc. Patent Agent JOSEPH COMPTON Of Counsel K. ANDREW KENT JILL R. HEYBL JUDITH G. SHELLING, Ph.D. (Adm. In Arizona) Law Clerk ERIC V. FIGUEROA RICHARD S. KOPPEL (Retired)

2815 TOWNSGATE ROAD, SUITE 215 WESTLAKE VILLAGE, CALIFORNIA 91361-5827 PHONE (805) 373-0060 FAX (805) 373-0051

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E-mail: jheybl@koppelpatent.com

Santa Barbara Office 812 Presidio Avenue Santa Barbara, CA 93101 Phone (805) 569-1964

FAX COVER SHEET

DATE: FEBRUARY 24 2009

FROM: JAYE G. HEYBL

TO: ASSIGNMENT RECORDATION SERVICES

RE: COMPOSITE HIGH REFLECTIVITY LAYER

DOCKET: P1024US-7

FAX NO.: (571) 273-0140

MESSAGE: PLEASE CONFIRM RECEIPT

NUMBER OF PAGES (Including cover sheet) 5
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PATENT REEL: 056932 FRAME: 0656

RECORDED: 07/21/2021