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Form PTO-1595 (Rev. 06-12) OMB No, 0651-0027 (exp. 04/30/2015)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
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(ies) Name: <u>CREE, INC.</u>	
Mark Edmond, Dong Lu, Paul Pickard	Internal Address:	
Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 03/20/13	Street Address: 4600 SILICON DRIVE	
Assignment Merger Security Agreement Change of Name	City: DURHAM	
Joint Research Agreement	State: <u>NC</u>	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 27703	
Other Corrective Assignment, reel/frame 030069/0076	Additional name(s) & address(es) attached? 🗌 Yes 🔳 No	
<ul> <li><b>4. Application or patent number(s):</b> This</li> <li>A. Patent Application No.(s)</li> <li>13/828,348</li> <li>Additional numbers atticked</li> </ul>	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s) ached?	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: JAYE G HEYBL Internal Address: KOPPEL, PATRICK, HEYBL & PHILPOTT	7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40</u>	
Street Address: 2815 TOWNSGATE ROAD, SUITE 215	<ul> <li>Authorized to be charged to deposit account</li> <li>Enclosed</li> <li>None required (government interest not affecting title)</li> </ul>	
City: WESTLAKE VILLAGE	8. Payment Information	
State: CA Zip: 91361		
Phone Number: 805-373-0060	Deposit Account Number <u>11-1580</u>	
Docket Number: P1884US1-7	Authorized User Name STEVEN C. PATRICK	
Email Address: generalmail@koppelpatent.com		
9. Signature:		
JAYE G. HEYBL Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
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		

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PAGE 02/04

Form <b>PTO-1.595</b> (Rev. 06-12) OMB No. 0651-0027 (exp. 04/30/2016)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
RECORDATION FO		
To the Director of the U.S. Patient and Trademerk Office: Please record the attached documents or the new address(es) below.		
	2. Name and address of receiving party(ies)	
1. Name of conveying party(les)	Name: CREE, INC.	
Mark Edmond, Doug Lu, Paul Pickard	Internal Address:	
Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 03/20/13	Street Address: 4600 SILICON DRIVE	
Assignment Merger Security Agreement Change of Name	City; DURHAM	
Joint Research Agreement Government Interest Assignment	State:         NC           Country:         US         Zip:         27703	
Executive Order 9424, Confirmatory License Other	Additional name(s) & address(es) attached? 🛄 Yes 🔳 No	
4. Application or patent number(s): This A. Patent Application No.(s)	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(5)	
13/828,348		
Additional numbers s	tachad? 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	7. Total fee (37 CFR 1.21(h) & 3.41) \$40	
Internal Address: KOPPEL PATRICK HEYBL & PHILPOTT	Authorized to be charged to deposit account	
Street Address: 2815 TOWNSGATE ROAD, SUITE 215	Enclosed     Enclosed     None required (government Interest not affecting title)	
City: WESTLAKE VILLAGE	8. Payment Information	
State: CA Zip: 91361	•	
Phone Number: 805 373 0060	Deposit Account Number 11-1680	
Docket Number: P1884US1-7 Email Address: generalmail@koppelpatent.com	Authorized User Name STEVEN C. PATRICK	
9. Signature: DOAL	3/2//13	
JAYE G. HEYBL	Total number of pages including cover 3	
Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (574) 275-0140, or malled to: Mail Stop Assignment Recordstion Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450		

Docket No. P1884USI-7

#### ASSIGNMENT

We, MARK EDMOND, residing in Raleigh, North Carolina, DONG LU, residing in Cary, North Carolina, and PAUL PICKARD residing in Morrisville, North Carolina, represent that we have invented improvements in a new and useful "DOOR FRAME TROFFER" for which we have filed an application for Letters Patent of the United States of America on March 14, 2013 under Serial No. 13/828,348.

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 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.

MARK EDMOND Date: March 20, 2013

Date: \_\_\_\_\_\_, 2013 \_\_\_\_\_\_ DONG LU Date: \_\_\_\_\_\_, 2013 \_\_\_\_\_\_ DONG LU PAUL PICKARD

Docket No. P1884US1-7

#### ASSIGNMENT

We, MARK EDMOND, residing in Raleigh, North Carolina, DONG LU, residing in Cary, North Carolina, and PAUL PICKARD residing in Morrisville, North Carolina, represent that we have invented improvements in a new and useful "DOOR FRAME TROFFER" for which we have filed an application for Letters Patent of the United States of America on March 14, 2013 under Serial No. 13/828,348.

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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.

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:	, 2013	
		MARK EDMOND
Date:	March 20th 2013	<u></u>
		DONG LU
Date:	, 2013	
		PAUL PICKARD

## KOPPEL, PATRICK, HEYBL & PHILPOTT A Professional Law Corporation

STEVEN C. PATRICK JAYE G. HEYBL BRIAN J. PHILPOTT ERIC V. FIGUEROA MONICA ADJEMIAN BRIAN FITZGERALD COREY A, DONALDSON Senior Counsel MICHAEL J, RAM, D, Sc. Patent Agent JOSEPH COMPTON GREGORY Z. BOGER Of Counsel K. ANDREW KENT JILL R, HEYBL ARNOLD M, de QUZMAN JUDITH G. SHELLING, Ph.D. (Adm. In Arizona) 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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## FAX COVER SHEET

DATE: May \_\_\_\_, 2013

FROM: Jaye G. Heybl

TO: USPTO/Assignment Recordation Services

RE: Docket No. P1884US1-7

FAX NO.: 571-273-0140

MESSAGE: Please record the attached corrected Assignment to correct the second inventor's name

NUMBER OF PAGES (Including cover sheet) **7** 

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### UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 25, 2013

PTAS

JAYE G. HEYBL KOPPEL PATRICK HEYBL & PHILPOTT 2815 TOWNSGATE ROAD, SUITE 215 WESTLAKE VILLAGE, CA 91361

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RECORDATION DATE: 03/21/2013

REEL/FRAME: 030069/0076 NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: EDMOND, MARK

ASSIGNOR: LU, DOG DONO

ASSIGNOR: PICKARD, PAUL

ASSIGNEE: CREE, INC. 4600 SILICON DRIVE DURHAM, NORTH CAROLINA 27703

APPLICATION NUMBER: 13828348 PATENT NUMBER: TITLE: DOOR FRAME TROFFER DOC DATE: 03/20/2013

DOC DATE: 03/20/2013

DOC DATE: 03/20/2013

FILING DATE: ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

May 06, 2013

PTAS

JAYE G HEYBL KOPPEL, PATRICK, HEYBL & PHILPOTT 2815 TOWNSGATE ROAD, SUITE 215 WESTLAKE VILLAGE, CA 91361 700504526

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- 1. The document submitted to correct errors in the previously recorded document is not acceptable. To correct an error in the recorded document, a corrective cover sheet along with the original cover sheet must be accompanied by the correct assignment document or a copy of the correct assignment document. A recording fee for the correction is required as set forth in 37 C.F.R. §3.34.
- 2. Return all correspondence back including the notice of non-recordation to fax 571-273-0140.

Documents being resubmitted for recordation must reflect the corrected information to be recorded, the Document ID number referenced above and all pages from this submitted document. The original date of filing of this assignment document will be maintained if resubmitted with the appropriate correction(s) within 30 days from the date of this notice as outlined under 37 CFR 3.51. The resubmitted document must include a stamp with the official date of receipt under 37 CFR 3. Applicants may use the certified procedures under 37 CFR 1.8 or 1.10 for resubmission of the returned papers if they desire to have the benefit of the date of deposit in the United States Postal Service.

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MARY BENTON ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

P.O. Box 1460, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV

**RECORDED: 05/06/2013**