

11-22-2006

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103339360

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

11-15-06

**1. Name of conveying party(ies)**

YONG MA

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: CREE, INC.

Internal Address: \_\_\_\_\_

Street Address: 4600 SILICON DRIVE

City: DURHAM

State: NORTH CAROLINA

Country: U.S.A.

Zip: 27703

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 11/13/2006

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: JAYE G. HEYBL

Internal Address: KOPPEL, PATRICK & HEYBL

Street Address: 555 ST. CHARLES DRIVE, SUITE 107

City: THOUSAND OAKS

State: CA

Zip: 91360

Phone Number: (805) 373-0060

Fax Number: (805) 373-0051

Email Address: generalmail@koppelpatent.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 11-1580

Authorized User Name RICHARD S. KOPPEL

**9. Signature:**

Signature

11/15/06  
Date

JAYE G. HEYBL  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

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

11/29/06 U.S. PTO  
11/600618



111506

PATENT

REEL: 018580 FRAME: 0585

ASSIGNMENT

I, YONG MA, residing in Goleta, California, represent that I have invented improvements in a new and useful SELF ALIGNED DIODE FABRICATION METHOD AND SELF ALIGNED LASER DIODE, for which I have executed an application for Letters Patent of the United States of America on the same day as my execution of this Assignment.

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 I acknowledge, I 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.

I also agree that I 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.

I 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.

EXECUTED at CREE SBTC, County of Santa Barbara and State of California this day of NOV 13th, 2006,

[Signature]  
YONG MA

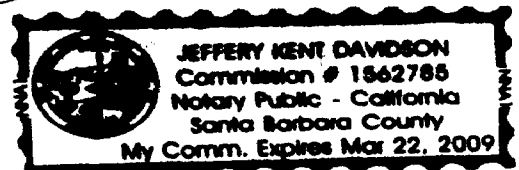
STATE OF CALIFORNIA )  
COUNTY OF SANTA BARBARA ) ss.

On 11/13/06 before me, Jeffery Kent Davidson, a Notary Public in and for said State, personally appeared YONG MA, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

WITNESS my hand and official seal.

[Signature]  
Notary Public

M/J6-P0719US-7Assignment-single.doc



PATENT