

05-07-2004

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(Rev. 10/02)

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Advanced Technology Materials, Inc.

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

Name: Cree, Inc.

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

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

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other \_\_\_\_\_

Street Address: 4600 Silicon Drive

City: Durham State: NC Zip: 27703

Execution Date: 03/31/2004

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

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 09/633,598

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David C. Hall, Esq.

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

Street Address: Cree, Inc.

4600 Silicon Drive

City: Durham State: NC Zip: 27703

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

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



Authorized to be charged to deposit account

## 8. Deposit account number: \_\_\_\_\_

DO NOT USE THIS SPACE

## 9. Signature.

David C. Hall, Esq., 38,904

Name of Person Signing

Signature

4/29/04

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

05/06/2004 NGETACHE 00000043 09633598

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PATENT  
REEL: 015295 FRAME: 0674

## PATENT ASSIGNMENT

This PATENT ASSIGNMENT is made as of March 31, 2004, from Advanced Technology Materials, Inc., a Delaware corporation having an address at 7 Commerce Drive, Danbury, CT 06810 (hereinafter referred to as "Assignor"), to Cree, Inc., a corporation organized under the laws of the State of North Carolina, having a place of business at 4600 Silicon Drive, Durham, NC 27703 (hereinafter referred to as "Assignee").

WHEREAS, Assignor is the owner of the patents and patent applications identified on Schedule A attached hereto (hereinafter collectively, the "Patents"); and

WHEREAS, Assignee is desirous of acquiring the Patents; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, transfer, convey, grant and assign unto Assignee, Assignor's entire right, title and interest in and to the Patents and the inventions claimed therein, in the United States and all jurisdictions outside the United States, including the right to apply for letters patent in any and all such jurisdictions based on said Patents, and including all divisional, renewal, substitute, continuation, continuation-in-part, reexamination, reissue, extension and convention applications or patents based in whole or in part upon said Patents, and any and all letters patent that may issue thereon, in any and all such jurisdictions, to the full end of the term or terms for which said letters patent may be issued, and every priority right that is or may be predicated upon or arise from the foregoing, the same to be held and enjoyed by Assignee for its own use and benefit and for the use and benefit of its successors and assigns, to be used as fully and entirely as said rights would have been held and enjoyed by Assignor if this assignment had not been made.

Assignor hereby authorizes the Commissioner of Patents and Trademarks of the United States and other empowered officials of the United States Patent and Trademark Office and/or the appropriate empowered officials in relevant jurisdictions outside the United States to record the transfer of the Patents to Assignee as assignee of Assignor's entire right, title and interest therein, and to issue to Assignee all letters patent and other items referred to above which may issue with respect to the Patents, in accordance with this Patent Assignment.

[continued on next page]

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be executed by its proper officer thereunto duly authorized, as of the date first above written.

ASSIGNOR:

Advanced Technology Materials, Inc.

By: 

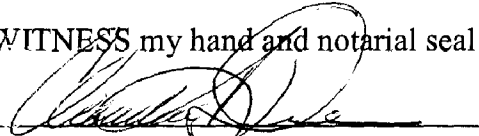
Name: Daniel P. Sharkey

Title: Vice President, Treasurer and Chief Financial Officer

STATE OF                    }  
                                      }  
                                      } ss:  
COUNTY OF                }

Before me, the undersigned, a Notary Public of the State of Connecticut, personally appeared Daniel P. Sharkey, having been sworn by me according to law did depose and say he was the Vice President, Treasurer and Chief Financial Officer of Advanced Technology Materials, Inc., (the "Assignor") and did acknowledge the execution of the foregoing Patent Assignment on behalf of said Assignor.

WITNESS my hand and notarial seal this the 21<sup>st</sup> day of March, 2004.



(Written Signature)

**CLAUDIA K. DENE**  
**NOTARY PUBLIC**

**My Commission Expires Dec. 31, 2005**

Claudia K. Dene

(Printed Signature)

ASSIGNEE:

Cree, Inc.

By: 

Name: John W. Falmar

Title: Executive Vice President

Patent Assignment

**CONFIDENTIAL**

**PATENT**  
**REEL: 015295 FRAME: 0676**

## SCHEDULE A

### PATENTS AND PATENT APPLICATIONS

09/633,598 - Indium Gallium Nitride Channel High Electron Mobility Transistors, And Method Of Making The Same

Filed 8/7/2000

➤ PCT Application PCT/US01/23052, Filed 7/23/2001

Published as document WO 02/13273 on 2/14/2002

➤ Pending Foreign Applications (from PCT/US01/23052)

Europe	01954857.7	Filed 7/23/2001
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Japan	2002-518532	Filed 7/23/2001
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Korea	10-2003-7001845	Filed 7/23/2001
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