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Form PTO-1595 (Rev. 03/01)

08-02-2002

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

OMB No. 0651-0027 (exp. 5/31/2002)



Tab settings

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To the Honorable Commissioner of F

Secure the attached original documents or copy thereof.

1. Name of conveying party(ies): **7-29-02**  
 Joseph J. SUMAKERIS; Ranbir SINGH; Michael James PAISLEY; Stephan Georg MUELLER; Hudson M. HOBGOOD; Calvin H. CARTER, Jr.; Albert Augustus BURK  
 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: NC Zip: 27703  
 Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
 Execution Date: 04/08/02

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) 10/046,346  
 B. Patent No.(s) \_\_\_\_\_  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Summa & Allan, P.A.  
 Internal Address: \_\_\_\_\_  
 Street Address: 11610 North Community House Rd  
Suite 200, Ballantyne Corporate Park  
 City: Charlotte State: NC Zip: 28277-2162

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:  
50-0332

08/01/2002 DBTRNE 00000049 10046346 40.00 01 FC:581

DO NOT USE THIS SPACE

Signature: \_\_\_\_\_  
 Philip Summa  
 Name of Person Signing

Signature: *Philip Summa*  
 Date: 6/6/2002

Total number of pages including cover sheet, attachments, and documents: **7**

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 013134 FRAME: 0233

## ASSIGNMENT

WHEREAS, we, JOSEPH J. SUMAKERIS, a U.S. citizen, residing at Apex, North Carolina; RANBIR SINGH, an Indian citizen, residing at Apex, NC; MICHAEL JAMES PAISLEY, a U.S. citizen, residing at Garner, NC; STEPHAN GEORG MUELLER, a German citizen, residing at Durham, NC; HUDSON M. HOBGOOD, a U.S. citizen, residing at Pittsboro, NC; CALVIN H. CARTER, JR., a U.S. citizen, residing at Cary, NC; and ALBERT AUGUSTUS BURK, JR., a U.S. citizen, residing at Chapel Hill, NC (hereinafter referred to as "ASSIGNORS"), have invented certain new and useful improvements in MINIMIZING DEGRADATION OF SIC BIPOLAR SEMICONDUCTOR DEVICES, for which an application for a United States patent was filed on October 26, 2001, under Serial No. 10/046,346; and

WHEREAS, CREE, INC., a North Carolina corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Durham, County of Durham, State of North Carolina, is desirous of acquiring the entire right, title, and interest in and to said invention and said application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof that may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by the ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to said invention and said application, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to the ASSIGNEE or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers that may be requested to confirm the right of the

ASSIGNEE, its representatives, successors or assigns to secure patent or similar protection for said invention in all countries and to vest in the ASSIGNEE complete title to said invention and Letters Patent, without further compensation, but at the expense of the ASSIGNEE, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto signed my name on this 19th day of March, 2002.

Joseph J. Sumakeris  
JOSEPH J. SUMAKERIS

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM

Before me personally appeared said JOSEPH J. SUMAKERIS and acknowledged the foregoing instrument to be his free act and deed this 19th day of March, 2002.

Melissa C. Chandler (SEAL)  
Notary Public

My commission expires: October 27, 2003

IN WITNESS WHEREOF, I have hereunto signed my name on this 25th day of March, 2002.

Ranbir Singh  
RANBIR SINGH

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM

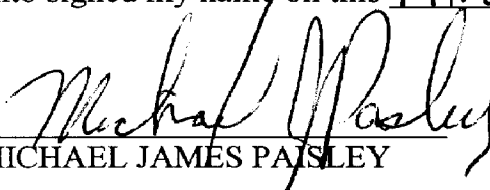
Before me personally appeared said RANBIR SINGH and acknowledged the foregoing instrument to be his free act and deed this 25th day of March, 2002.

Melissa C. Chandler (SEAL)  
Notary Public

My commission expires: October 27, 2003

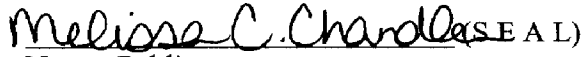
IN WITNESS WHEREOF, I have hereunto signed my name on this 19th day of

March, 2002.

  
MICHAEL JAMES PAISLEY

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM


Before me personally appeared said MICHAEL JAMES PAISLEY and acknowledged the foregoing instrument to be his free act and deed this 19th day of March, 2002.

  
Notary Public

My commission expires: October 27, 2003


IN WITNESS WHEREOF, I have hereunto signed my name on this 20th day of

March, 2002.

  
STEPHAN GEORG MUELLER

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM

Before me personally appeared said STEPHAN GEORG MUELLER and acknowledged the foregoing instrument to be his free act and deed this 20th day of March, 2002.

  
Notary Public

My commission expires: October 27, 2003

IN WITNESS WHEREOF, I have hereunto signed my name on this 8th day of April, 2002.

Hudson M. Hobergood  
HUDSON M. HOBGOOD

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM

Before me personally appeared said HUDSON M. HOBGOOD and acknowledged the foregoing instrument to be his free act and deed this 8th day of April, 2002.

Melissa C. Chandler (SEAL)  
Notary Public

My commission expires: October 27, 2003

IN WITNESS WHEREOF, I have hereunto signed my name on this 21st day of March, 2002.

Calvin H. Carter, Jr.  
CALVIN H. CARTER, JR.

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM


Before me personally appeared said CALVIN H. CARTER, JR., and acknowledged the foregoing instrument to be his free act and deed this 21st day of March, 2002.

Melissa C. Chandler (SEAL)  
Notary Public

My commission expires: October 27, 2003

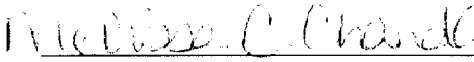
IN WITNESS WHEREOF, I have hereunto signed my name on this 1 day of

April, 2002.

  
ALBERT AUGUSTUS BURK, JR.

STATE OF NORTH CAROLINA  
COUNTY OF DURHAM

Before me personally appeared said ALBERT AUGUSTUS BURK, JR., and acknowledged the foregoing instrument to be his free act and deed this 1st day of April, 2002.

 (SEAL)  
Notary Public

My commission expires: October 20, 2003