

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
<b>1. Name of conveying party(ies)/Execution Date(s):</b> Zoltan Ring 07/06/2005 Scott Sheppard 06/13/2005 Helmut Hagleitner 05/12/2005  Execution Date(s) _____ Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Crec, Inc.</u> Internal Address: _____  Street Address: <u>4600 Silicon Drive</u>  City: <u>Durham</u> State: <u>NC</u> Country: <u>USA</u> Zip: <u>27703</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 11/067,543 B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Summa &amp; Allan, P.A.</u> Internal Address: _____  Street Address: <u>11610 N. Community House Rd.</u> <u>Suite 200</u> City: <u>Charlotte</u> State: <u>NC</u> Zip: <u>28277</u> Phone Number: <u>704-945-6700</u> Fax Number: <u>704-945-6735</u> Email Address: _____	<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$ 40</b> <input checked="" type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) <b>8. Payment Information</b> a. Credit Card Last 4 Numbers <u>1068</u> Expiration Date <u>04/08</u> b. Deposit Account Number _____ Authorized User Name _____
<b>9. Signature:</b> <u>R. Brian Johnson</u> <u>07-06-2005</u> Signature Date R. Brian Johnson Name of Person Signing Total number of pages including cover sheet, attachments, and documents: <u>16</u>	

Documents to be recorded (including cover sheet) should be faxed to (703) 306-9995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

OP \$40.00 11067643

## ASSIGNMENT

WHEREAS, we, **Zoltan Ring**, a U.S. citizen, residing at Durham, North Carolina; **Scott Sheppard**, a U.S. citizen, residing at Chapel Hill, North Carolina; and **Helmut Hagleitner**, a U.S. citizen, residing at Zebulon, North Carolina (hereinafter referred to as "ASSIGNORS"), have invented certain new and useful improvements in *Method of Forming Vias in Silicon Carbide and Resulting Devices and Circuits*, for which an application for a United States patent was filed on February 25, 2005 under Serial No. 10/067,543, 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 as described in said application, and in and to any and all Letters Patent that shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, have sold and by these presents do hereby sell, assign, transfer, and convey unto the ASSIGNEE, its successors and assigns, 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.

PATENT

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 the day and year set forth below.

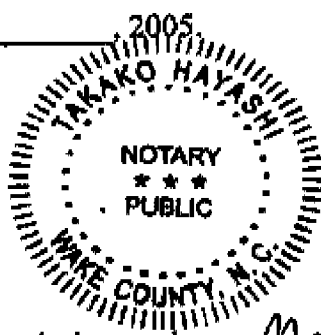
Executed this 6 day of July, 2005.

Zoltan Ring  
Zoltan Ring

State of North Carolina       )  
County of Durham               )

Before me personally appeared said Zoltan Ring and acknowledged the foregoing instrument to be his free act and deed this 6<sup>th</sup> day of

July, 2005.



Takako Hayashi  
Notary Public

SEAL

My commission expires: May 11, 2008

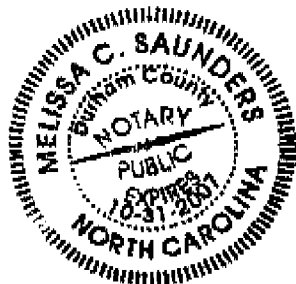
IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Executed this 13 day of June, 2005.

  
\_\_\_\_\_  
Scott Sheppard

State of North Carolina     )  
County of Durham            )

Before me personally appeared said **Scott Sheppard** and acknowledged the foregoing instrument to be his free act and deed this 13th day of June, 2005.



  
\_\_\_\_\_  
Notary Public

SEAL

My commission expires: October 31, 2007

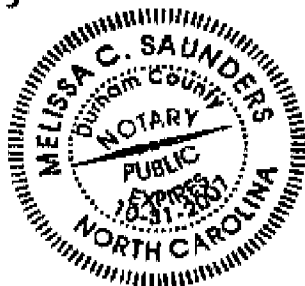
IN WITNESS WHEREOF, I have hereunto signed my name on the day and year  
set forth below.

Executed this 12 day of May, 2005.

Helmut Hagleitner  
Helmut Hagleitner

State of North Carolina )  
County of Durham )

Before me personally appeared said **Helmut Hagleitner** and acknowledged the  
foregoing instrument to be his free act and deed this 12th day of  
May, 2005.



Melissa C. Saunders  
Notary Public

SEAL

My commission expires: October 31, 2007

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