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FORM PTO-1619A
Expires 06/30/99
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FORM PTO-1619B
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U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address

Area Code and Telephone Number

704-945-6700

Name Philip Summa, P.A.

Address (line 1) 13777 Ballantyne Corporate Place

Address (line 2) Suite 315

Address (line 3) Charlotte, NC 28277

Address (line 4)

Pages

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Mark if additional numbers attached.

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Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT	US99/21475	PCT		PCT	
PCT		PCT		PCT	

Number of Properties

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1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:
Deposit Account

Enclosed

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-0332

Authorization to charge additional fees:

Yes

No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

PHILIP SUMMA

Name of Person Signing

Signature

3/15/2001

Date

ASSIGNMENT

WHEREAS, I, David B. Slater, Jr., a U.S. citizen, residing at Raleigh, North Carolina (hereinafter referred to as "ASSIGNOR"), have invented certain new and useful improvements in LOW TEMPERATURE FORMATION OF BACKSIDE OHMIC CONTACTS FOR VERTICAL DEVICES, for which international patent application No. PCT/US99/21475, was filed September 16, 1999, designating the United States, *inter alia*, and claiming priority from U.S. provisional application Serial No. 60/100,546, filed September 16, 1998; and

WHEREAS, CREE, INC. (formerly Cree Research, 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, I, the ASSIGNOR, 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 me if this assignment and sale had not been made.

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

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

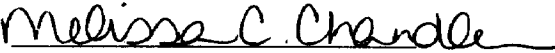
I further covenant and agree to bind my heirs, legal representatives, and assigns, promptly to communicate to the ASSIGNEE or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers 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.

Executed this 13th day of March, 2001.


DAVID B. SLATER, JR.

State of North Carolina
County of Durham

Before me personally appeared said **David B. Slater, Jr.**, and acknowledged the foregoing instrument to be his free act and deed this 13th day of March, 2001.


Notary Public

My commission expires: October 27, 2003

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