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10-19-2000



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PATENT
REEL: 011158 FRAME: 0616

Correspondent Name and AddressArea Code and Telephone Number **704-945-6700**Name **Philip Summa, P.A.**Address (line 1) **13777 Ballantyne Corporate Place**Address (one 2) **Suite 315**Address (line 3) **Charlotte, NC 28277**

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

3**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

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
October 3, 2000**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number PCT

has not been assigned.

PCT PCT PCT
PCT PCT PCT **Number of Properties**

Enter the total number of properties involved.

1**Fee Amount**Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**Method of Payment:
Deposit AccountEnclosed ☒Deposit Account ☐

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

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Authorization to charge additional fees:

Yes ☒No ☐**Statement and Signature**

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PHILIP SUMMA

Name of Person Signing

Signature

October 5, 2000

Date

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Conveying Party(ies)

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Name (line 1) Kevin Ward Haberern

Name (line 2)

Name (line 1) David Todd Emerson

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

10-04-00

Execution Date
Month Day Year

10-04-00

Execution Date
Month Day Year

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, we, HUA-SHUANG KONG, a U.S. citizen, residing at Raleigh, North Carolina; JOHN ADAM EDMOND, a U.S. citizen, residing at Cary, North Carolina; KEVIN WARD HABERERN, a U.S. citizen, residing at Cary, North Carolina; and DAVID TODD EMERSON, a U.S. citizen, residing at Durham, North Carolina (hereinafter referred to as "ASSIGNORS"), have invented certain new and useful improvements in SINGLE STEP PENDEO- AND LATERAL EPITAXIAL OVERGROWTH OF GROUP III-NITRIDE EPITAXIAL LAYERS WITH GROUP III-NITRIDE BUFFER LAYER AND RESULTING STRUCTURES, for which a provisional application for a United States patent was filed on October 14, 1999, under Serial No. 60/159,299; 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, including applications filed under 35 U.S.C. § 111(a), 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.

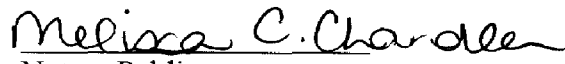
We further covenant and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to the ASSIGNEE or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said

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.


HUA-SHUANG KONG

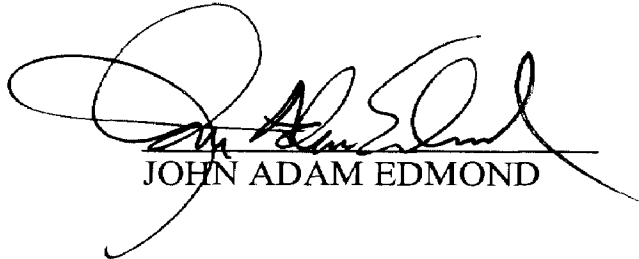
State of North Carolina
County of Durham

Before me personally appeared said HUA-SHUANG KONG, and acknowledged the foregoing instrument to be his free act and deed this 3rd day of October, 2000.


Notary Public

My commission expires: October 27, 2003

S E A L


JOHN ADAM EDMOND

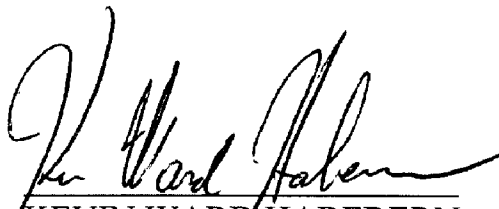
State of North Carolina
County of Durham

Before me personally appeared said JOHN ADAM EDMOND, and acknowledged the foregoing instrument to be his free act and deed this 4th day of October, 2000.


Notary Public

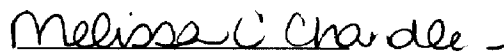
My commission expires: October 27, 2003

S E A L


KEVIN WARD HABERERN

State of North Carolina
County of Durham

Before me personally appeared said KEVIN WARD HABERERN, and acknowledged the foregoing instrument to be his free act and deed this 4th day of October, 2000.


Notary Public


My commission expires: October 27, 2003

S E A L


DAVID TODD EMERSON

State of North Carolina
County of Durham

Before me personally appeared said DAVID TODD EMERSON, and acknowledged the foregoing instrument to be his free act and deed this 4th day of October, 2000.


Notary Public

My commission expires: October 27, 2003

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