ASSIGN

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COVER SHEET Patents Only

To the Honorable Commissioner of Pat 101138901 September 3, 1999 Please record the attached original documents or copy thereof. Attorney Dkt: 5051-456 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Bantval Jayant Baliga North Carolina State University Campus Box 7003 Raleigh, North Carolina 27612 Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: August 27, 1999 Additional name(s) & address(es) attached? Yes X No 4. Application Serial No. 09/312,980, Filed May 17, 1999 Patent No. If this document is being filed together with a new application, the execution date of the application Yes X No Additional numbers attached? 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: \$40.00 7. Total fee (37 CFR 3.41) X Enclosed Grant J. Scott _ Authorized to be charged to deposit account Myers Bigel Sibley & Sajovec P. O. Box 37428 Raleigh NC 27627 8. Deposit account number: 50-0220 DO NOT USE THIS SPACE 9. 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. September 3, 1999 Grant J. Scott, #36,925 Signature Date Name of Person Signing Total number of pages including cover sheet, attachments and document: 3 09/08/1999 HTHAII 00000267 09312980

ASSIGNMENT

THIS ASSIGNMENT, made by me, Bantval Jayant Baliga, citizen of India, residing at 2612 Bembridge Drive, Raleigh, County of Wake, North Carolina 27613;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in SILICON CARBIDE POWER DEVICES HAVING TRENCH-BASED SILICON CARBIDE CHARGE COUPLING REGIONS THEREIN, for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on May 17, 1999, under Serial No. 09/312,980, and

WHEREAS, North Carolina State University, a constituent institution of the University of North Carolina and an educational institution chartered under the laws of the State of North Carolina having a principal office at Raleigh, County of Wake, State of North Carolina, hereinafter referred to as assignee, 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 which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and 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 which 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 said 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 the invention and application above-mentioned, 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 said 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 which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this <u>27</u> day of <u>august</u>, 1999.

Bantval Jayant Baliga (SEAL)
Bantval Jayant Baliga

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF WAKE)

Before me personally appeared Bantval Jayant Baliga, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this 27 day of 1999.

Notary Public

SEAL

My Commission Expires: Account 4, 2004