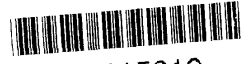


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PATENT
REEL: 016621 FRAME: 0988

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Invention Title: Penedeoepitaxial Gallium Nitride Semiconductor Layers on Silicon Carbide Substrates

Inventor (s): Robert F. Davis, Thomas Gehrke and Kevin James Linthicum Darren Brent Thomson, Eric Carlson, Pradeep Rajgopal

Application Serial No: 09/198,784

Patent Number: 6,177,688

Grant/Contract Identification Number(s): N00014-98-1-0384, N00014-98-1-0654, N00014-98-1-0765

*N00014-96-1-0765

Foreign Applications Filed/Intended in (Countries): India, Europe, Korea, Japan, China, Malaysia, Canada

The invention identified above is a subject invention under 35 U.S.C.200, et seq and the standard patent rights clause at 37 CFR 401.14 FAR 52.227,11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the united states government. This documentary is confirmatory of:

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The government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 28th day of October, 2004

By [Signature]
(Name of Grantee/ Contractor Official)

Title Director, Tech-transfer

For North Carolina State University
(Organization)

*Contract Number corrected by the Department of the Navy after execution by the Contractor.

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CAROL PETROSKY
Legal Technician

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