

REPORT DOCUMENTATION PAGE

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of State University of New York

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NE

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Program Manager
USAF
801 North Randolph St.
Arlington, VA 22203

RE: Final Report: Equipment for optoelectronic and microelectronic device fabrication,
F496200010256.

Dear Colleague:

Enclosed please find the final report for the above referenced project.

If you have any questions, please feel free to contact me.

Sincerely,

Andrea Schmitt a/s/a

Andrea Schmitt
Special Projects Assistant

AS:mb
Enc.

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Department of Electrical and Computer Engineering
State University of NY at Stony Brook

Grant F496200010256

**Equipment for optoelectronic
and microelectronic device fabrication**

PI Professor Gregory Belenky

FINAL REPORT

This report details equipment purchased and installed as a result of a DURIP Grant "Equipment for optoelectronic and microelectronic device fabrication", 04/01/2000-03/31/2001, total budget: **\$202,630.00**

1. Temescal, part of BOC Coating technology **BJD-1800 High vacuum e-beam evaporation system**. Total cost: **\$174,000.00** Contact information: 2700 Maxwell Way P.O.Box 2529 Fairfield, CA 9453-0252 Phone: (707) 423-2100
2. KARL SUSS, Inc. **MJB3 Mask Aligner** (remanufactured with 10% University discount). Total cost: **\$56,876.40**. Contact information: 228 Suss Dr. Waterbury Center, VT 05677. Phone: (802)244-5181
3. VEECO Metrology. LLC **Dektak 3 Stylus Profiler**. Total cost: **\$28,130.00**
Contact information: 112 Robin Hill Rd. Santa Barbara, CA 93117 Phone: (805) 967-1400
4. A.E.S., Inc. **BD-900 Laboratory oven**. Cost: **\$2,605.00**.

The total cost of the acquired equipment is **\$261,611.40** with **\$202,630.00** from DURIP and the rest from SUNY matching funds. All of the above equipment has been installed and is operational. The purchased equipment has drastically enhanced the capabilities for optoelectronic and microelectronic device fabrication and processing in the Department of Electrical and Computer Engineering of the State University of NY at Stony Brook.