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to
Air Force Office of Scientific Research
for
AASERT Grant No: F49620-92-J-0283
SUPERCONDUCTIVE ELECTRONIC DEVICES USING FLUX QUANTA
from
James E. Nordman
Department of Electrical and Computer Engineering
University of Wisconsin-Madison
1410 Johnson Drive
Madison WI 53706
Tel: (608) 262-2761

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Mr. Davidson has been very successful in making nearly ideal SNS junctions on high Tc superconducting thin films with this scribing technique. He has spent the last few months making careful and detailed electrical measurements on these junctions. A paper has been accepted by Applied Physics Letters and a second paper and his PhD thesis are in preparation. He expects to finish his degree during the Fall semester of 1996.