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PATENT

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CONFIRMATORY INSTRUMENT

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NAVY, SECRETARY OF THE,  
UNITED STATES OF AMERICA  
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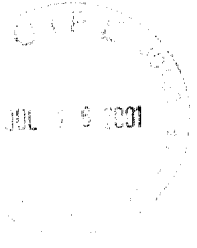
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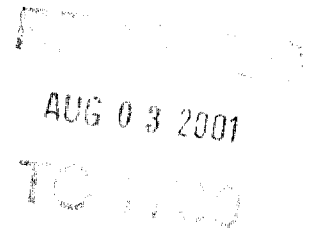
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No fee req'd

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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. Charges to deposit account are authorized, as indicated herein.*

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Signature

7/20/01  
Date

<p><b>DEPARTMENT OF THE NAVY</b> <b>CONFIRMATORY INSTRUMENT</b></p>	<p>1. APPLICATION FOR (Title of Invention)) "Carbon Fiber-Based Field Emission Devices"</p>
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2. INVENTOR(S)  
X. Xu, C.P. Beetz, G.R. Brands, L. Boerthel, J. Steinbich

3. SERIAL NO. Patent #5,973,444	4. FILING DATE
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5. CONTRACTOR/GRANTEE ATMI	6. CONTRACT/GRANT NO. N00014-93-C-0264
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7. The Invention identified above is a "Subject Invention" under Patent Rights Clause ~~52.227-103~~ 52.227-11  
(identify clause by title and date)

Included in Contract/Grant No. N00014-93-C-0264 with the

Department of the Navy.

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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 28 day of August 2000

(Seal)

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SIGNATURE

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