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PATENT

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U.S. Department of Commerce
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PATENT**Correspondent Name and Address****Area Code and Telephone Number** (703) 696-4006**Name** JEAN TRUMAN**Address (line 1)** OFFICE OF NAVAL RESEARCH**Address (line 2)** OFFICE OF COUNSEL**Address (line 3)** 800 NORTH QUINCY STREET**Address (line 4)** ARLINGTON VA 22217-5660**Pages**Enter the total number of pages of the attached conveyance document
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DEPARTMENT OF THE NAVY
CONFIRMATORY INSTRUMENT

1. NAME OF CONTRACTOR The Pennsylvania State University	2. CONTRACT NO. N00014-96-1-1173
3. TITLE OF INVENTION A Miniaturized Directional Flextensional Transducer	
4. NAME OF INVENTOR(S) Jindong Zhang, Robert E. Newnham	5. PSU INVENTION DISCLOSURE NO. 2000-2325
6. SERIAL NO. 09/942,272	7. FILING DATE August 29, 2001

The invention identified above is a "Subject Invention" under Patent Rights clause, FAR 52.227-11 (April 1984) or 37 CFR 401.14 (July 1987) included in Contract No. N00014-96-1-1173 with the Department of the Navy.

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