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Name: U.S. Department of Energy

Internal Address: GC-62 6F-067

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City: Washington

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4. Application or patent number(s):

A. Patent Application No.(s)

11/778,162

☐ This document is being filed together with a new application.

B. Patent No.(s)

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5. Name and address to whom correspondence concerning document should be mailed:

Name: Brenda K. Banks

Internal Address: GC-62 6F-067

U.S. Department of Energy

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Email Address: brenda.banks@hq.doe.gov

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$

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11/ 778, 162

DOE Docket ID1312.0
S-101,901**CONFIRMATORY LICENSE**

Title: Microscale Fluid Transport using Optically Controlled Marangoni Effect
Inventor(s): Thomas G. Thundat and Rubye H. Farahi
Serial No.: 11/778,162
Filing Date (U.S.): July 16, 2007
Contractor: UT-Battelle, LLC
DOE Contract No.: DE-AC05-00OR22725

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provision of the above-numbered contract (certified on 04-13-00) governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U. S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

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The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 6th day of September, 2007.

UT-Battelle, LLC

By Casey Porto
Director, Office of Technology Transfer