

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

U.S. Department of Commerce  
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PATENT

S-87,671

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Name (line 1) U. S. Department of Energy

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Address (line 1) 1000 Independence Avenue, S.W.

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REEL: 018349 FRAME: 0318

FORM PTO-1619B  
Expires 06/30/99  
OMR 0861 0077

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Correspondent Name and Address

Area Code and Telephone Number

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Patent Application Number(s)

Patent Number(s)

09/244,914						

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

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Patent Cooperation Treaty (PCT)

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Date

PATENT

REEL: 018349 FRAME: 0319

09/244,914

DOE Docket No. ERID 0326.1  
S-87, 671

## CONFIRMATORY LICENSE

Application for: Methods for Forming Small-Volume Electrical Contacts and Material Manipulations with Fluidic Microchannels

Inventor(s): Stephen C. Jacobson, J. Michael Ramsey, Christopher T. Culbertson, William B. Whitten, Robert S. Foote

Serial No.: 09/244, 914

Filing Date (U.S.): February 4, 1999

Contractor: Lockheed Martin Energy Research Corporation

DOE Contract No.: DE-AC05-96OR22464

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 11-8-95) 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.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agent between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

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

Signed this 25 day of February, 2000.

Lockheed Martin Energy Research Corporation  
(Contractor)

By Dean A. Waters  
(Contractor's Official and Title)

Dean A. Waters, Director  
Office of Technology Transfer

If the invention was made under a subcontract, please identify the Prime Contractor \_\_\_\_\_  
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