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

03-25-1999

5-88,503

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



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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other Confirmatory License

U.S. Government
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California, University of	01	11	99
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Name (line 1) U.S. Department of Energy

Name (line 2)

Address (line 1) P. O. Box 808 (L-376)

Address (line 2)

Address (line 3) Livermore CA 94550

City State/Country Zip Code

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PATENT

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Correspondent Name and Address

Area Code and Telephone Number

(925) 422-3667

Name **William C. Daubenspeck**

Address (line 1) **U.S. Department of Energy**

Address (line 2) **Lawrence Livermore National Laboratory**

Address (line 3) **P. O. Box 808 (MS L-376)**

Address (line 4) **Livermore, CA 94550**

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1

Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

			5819749		

If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

0.00

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

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Authorization to charge additional fees:

Yes

No

Statement and Signature

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Janet L. Rego

Name of Person Signing

Janet L. Rego
Signature

3-17-99

Date

Patent Application Filed in
the Name of the Contractor
Class Waiver (1/97)

CONFIRMATORY LICENSE

Title: Microvalve
Inventor(s): Abraham P. Lee et al.
Contract Number: W-7405-ENG-48
Contractor: Regents of the University of
California

DOE Docket No.: S-88,503 (RL-13922)
Docket No.: IL-9681B
U.S. Patent Application S.N.: 08/898,032
Filing Date: July 22, 1997
U.S. Patent No.: 5,819,749
Issue Date: October 13, 1998
Waiver No.: W(C) 92-002-285

Foreign patent applications filed or intended to be filed at contractor's expense in (countries):

The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract is herewith submitted or has been submitted to the U.S. Department of Energy by certification dated February 29, 1996.

WHEREAS, the above-identified invention is a subject invention under the above-identified contract;

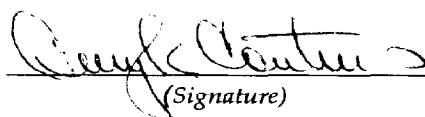
WHEREAS, the Class Waiver W(C) 92-002-285 of Government rights in certain identified inventions and the above-identified contract provides the Contractor with the right to elect to retain title in certain subject inventions and the Contractor has elected to retain title in the above-identified subject invention, EXCEPT FOR a paid-up license under the above-identified contract and the above-identified waiver, effective August 28, 1995.

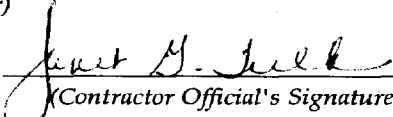
ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject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

The Government reserves for itself, and is hereby granted by the Contractor, the irrevocable power to inspect and make copies of the file wrapper(s) of the above-identified U.S. patent application and of any related or continuation patent application(s), whether domestic or foreign, for the above-identified invention.

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

Signed on behalf of: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(Contractor)

Witness: 
(Signature)

By:  1-11-99
(Contractor Official's Signature) (Date)

Terry K. Contreras, Administrative Assistant
(Name and Title)

Janet G. Tulk, Laboratory Counsel
(Print/Type Contractor Official's Name and Title)

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