

FORM PTO-1619A

Expires 06/30/99
OMB 0651-0027U.S. Department of Commerce
Patent and Trademark Office
PATENT

02-14-2002

JAN 2 2002



101982459

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

1.29.02

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☐ New
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☐ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☒ Other **CONFIRMATORY INSTRUMENT**
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- ☒ Departmental File ☐ Secret File

Conveying Party(ies)
☐ Mark if additional names of conveying parties attached Execution Date
Month Day Year

Name (line 1) CALIFORNIA INSTITUTE OF TECHNOLOGY

10052001

Name (line 2)

Second PartyExecution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party
☐ Mark if additional names of receiving parties attached

Name (line 1) NAVY, SECRETARY OF THE

Name (line 2) UNITED STATES OF AMERICA

☐ If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)

Address (line 1) OFFICE OF NAVAL RESEARCH

Address (line 2) 800 NORTH QUINCY STREET

Address (line 3) ARLINGTON

VA

22217-5660

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name A. DAVID SPEVACK

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

Address (line 5)

FOR OFFICE USE ONLY

FORM PTO-1619B

Expires 06/30/99
OMB 0651-0027

Page 2

U.S. Department of Commerce
Patent and Trademark Office
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
including any attachments.

1

Application Number(s) or Patent Number(s)☐

Mark if additional numbers attached

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

Patent Application Number(s)

09923582

Patent Number(s)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.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

PCT

PCT

PCT

only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

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

No fee req'd

Method of Payment:Enclosed ☐Deposit Account ☐**Deposit Account**

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

Deposit Account Number:

#

Authorization to charge additional fees:Yes ☐No ☒**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.

THOMAS E. MCDONNELL

Name of Person Signing

Signature

Date

10 Jan 02



26852

PATENT & TRADEMARK OFFICE

PATENT**REEL: 012562 FRAME: 0176**

License to the United States Government

Invention Title: Integrated Micropump Analysis Chip and Method of Making the Same

Inventors: Robert A. Beach; Robert P. Strittmatter; Thomas C. McGill

Patent Application Serial No: 09/923,582

US Filing/Issue Date: 8/9/2001

Grant/Contract Identification No: N00014-99-1-0972

Foreign Applications filed/intended in (countries):

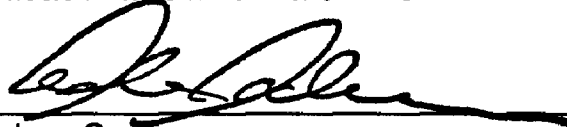
The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the Office of Naval Research. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patent and re-issues granted thereon throughout the world; and
1. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is here by granted an irrevocable power to inspect and make copies of the above-identified patent application.

California Institute of Technology
1200 E. California Boulevard
Pasadena, California 91125

Dated: October 5, 2001


Adam Cochran
The Intellectual Property Counsel

CIT File No: 3262