

Modified Version of PTO-1595

RECORDATION FORM COVER SHEET - PATENTS ONLY

To the Director of the US Patent and Trademark Office: Please record documents or the new address(es) below.

1. Name of conveying party(ies): Daniel V. Palanker
Harvey A. Fishman

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: The Board of Trustees of the Leland Stanford Junior University

Street address: 1705 El Camino Real

City: Palo Alto

State: CA

Zip: 94306-1106

Country: USA

Additional name(s) and address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Assignment

Joint Research Agreement

Security Agreement

Government Interest Assignment

Merger

Executive Order 9424m Confirmatory License

Change of Name

Other

Execution Date(s): 9/29/2005

4. Application or patent number(s):

A. Patent Application No.(s)
11/156069

A. Patent No.(s)

This document is being filed together with a new application.

Additional numbers attached? Yes No

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

Name: LUMEN Intellectual Property Services, Inc.

Street address: 2345 Yale Street, Second Floor

City: Palo Alto

State: CA

Zip: 94306

Country: USA

Phone No.: 650-424-0100

Fax No.: 650-424-0141

Email: admin@lumen.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41): \$40

Authorized to be charged by credit card

8. Payment information:

a. Credit Card Last 4 Numbers: 9737

Credit Card Expiration Date: 10/2009

9. Signature:

Signature



Printed Name

Ron Jacobs

Date

12/14/06

Total number of pages including cover sheet, attachments and documents: 1

Documents to be recorded (including cover sheet) should be faxed to (571-273-0140), or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450.

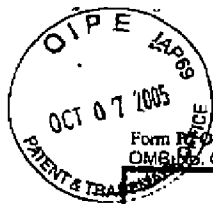
OP \$40.00 11156069

* Copy of Incorrect Recordation

- Cover sheet

COPY

24



Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

10-14-2005

J.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

10/7/05 RE



103099698

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Daniel V. Palanker
Harvey A. Fishman

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: The Board of Trustees of the Leland Stanford Junior University

Internal Address: _____

Street Address: 1705 El Camino Real

City: Palo Alto

State: CA

Country: US Zip: 94305

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 9/29/2005

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
1/156,089

This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Lumen Intellectual Property Services, Inc.

Internal Address: _____

Street Address: 2345 Yale Street, 2nd Floor

City: Palo Alto

State: CA Zip: 94306

Phone Number: 650-424-0100

Fax Number: 650-424-0141

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 9737
Expiration Date 10/06

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Ron Jacobs

Name of Person Signing

9/30/05
Date

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

10/11/2005 MBELETE1 00000021 11156069
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* ORIGINAL Assignment

AUG. 23. 2005 12:12PM

STANFORD HANSEN LABS

NO. 0074 P. 2/5

Attorney Docket No: 504-006/US

ASSIGNMENT

THIS ASSIGNMENT, by

Daniel V. Palanker and Harvey A. Fishman

(hereinafter referred to as the Assignors), residing at Sunnyvale, California; and Menlo Park, California, respectively, witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in

OPTICALLY CONTROLLED MICROFLUIDIC CHIP

for which application no.: 11/156,069 filed on 6/17/2005 for Letters Patent has been executed on 9/29/05, and is attached hereto

WHEREAS,

The Board of Trustees of the Leland Stanford Junior University

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of CALIFORNIA, STANFORD, CALIFORNIA 94305, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon;

WHEREAS, said Assignors and said Assignee have executed an Agreement Concerning Rights in Invention.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and sufficient considerations, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division of said application, continuation of said application, and any continuation-in-part of said application which is subject to said agreement concerning rights in invention; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
2. Said Assignors hereby jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the joint and lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same have not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby jointly and severally covenant and agrees to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division of said application, continuation of said application, or any continuation-in-part of said application which is subject to said agreement concerning rights in invention, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.
4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.

Assignment, Page 1 of 2

PATENT

REEL: 018652 FRAME: 0267

AUG. 23. 2005 12:13PM


STANFORD HANSEN LABS

NO. 0074 P. 3/5

5. The terms, covenants and conditions of this Assignment are subject to the payment of royalty by Assignee to Assignors in accordance with the provisions of said Agreement Concerning Rights in Invention.

6. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

| | |
|--|--|
| Date: <u>8/23/2005</u> |  Daniel V. Palanker |
| State: _____ County: _____ | |
| Subscribed and sworn to before me on this _____ day of _____, 20____ | |
| _____ Notary Public | |

| | |
|--|----------------------------|
| Date: _____ | _____ Harvey A. Fishman |
| State: _____ County: _____ | |
| Subscribed and sworn to before me on this _____ day of _____, 20____ | |
| _____ Notary Public | |

FROM :

FAX NO. :8314764571

Sep. 29 2005 01:55PM P5

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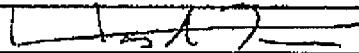
5. The terms, covenants and conditions of this Assignment are subject to the payment of royalty by Assignee to Assignors in accordance with the provisions of said Agreement Concerning Rights in Invention.

6. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

Date: _____
Dantel V. Palanker
 State: _____ County: _____
 Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: 9/29/05 _____

Harvey A. Fishman
 State: _____ County: _____
 Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

COPY


 received
 1.8.06 Lumen

UNITED STATES PATENT AND TRADEMARK OFFICE

SO4-006105

 UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
 DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 27, 2006

PTAS

 LUMEN INTELLECTUAL PROPERTY SERVICES
 INC.
 2345 YALE STREET, 2ND FLOOR
 PALO ALTO, CA 94306


103099698A

 UNITED STATES PATENT AND TRADEMARK OFFICE
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/07/2005

REEL/FRAME: 017069/0896

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PALANKER, DANIEL V.

DOC DATE: 09/29/2005

ASSIGNOR:

FISHMAN, HARVEY A.

DOC DATE: 09/29/2005

ASSIGNEE:

 BOARD OF TRUSTEES OF THE ~~LELAND~~ → Leland
 STANFORD JUNIOR UNIVERSITY, THE
 1705 EL CAMINO REAL
 PALO ALTO, CALIFORNIA 94305

SERIAL NUMBER: 11156069

FILING DATE: 06/17/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: OPTICALLY CONTROLLED MICROFLUIDIC CHIP

017069/0896 PAGE 2

COPY

ANTIONE ROYALL, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

**LUMEN Intellectual Property Services**

2345 Yale Street, Second Floor ♦ Palo Alto, CA 94306 ♦ (650) 424-0100 (V) ♦ (650) 424-0141 (F) ♦ www.lumen.com

FAX COVER SHEET

total pages (including cover): 9

Application Number: 11/156069

Filing Date: 6/17/2005

First Inventor: Daniel V. Palanker

Lumen Ref.: S04-006/US

Date:

Fax Number : 571-273-0140

Attn: Assignment Branch

Reg: Correction of Assignee's name on Notice of Recordation

Memo:

Please correct the Assignee's name on the Notice of Recordation for the application referenced above. It was incorrectly spelled on the Recordation Coversheet submitted to the PTO.

The correct spelling should be : The Board of Trustees of the Leland Stanford Junior University.

A corrected Recordation Coversheet, a payment of \$40, a copy of the original Assignment and a marked up copy of the Notice of Recordation is attached.

Please feel free to contact me with any questions.

Thank you,

Sylvia

Confidential Information

The information in the facsimile transmission is privileged.
Please notify us immediately if you received this communication in error.