

**original Recordation Cover Sheet*

COPY

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

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

RECORDATION FORM COVER SHEET PATENTS ONLY

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

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 _____

2. Name and address of receiving party(ies)

Name: The Board of Trustees of the Leeland 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

4. Application or patent number(s):

A. Patent Application No.(s)
11/156,069

☐ 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)

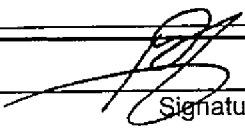
8. Payment Information

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

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:


Signature

9/30/05
Date

Ron Jacobs
Name of Person Signing

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

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OMB No. 0651-0027 (exp. 03/2008)

SEP 2 8 2005

10-03-2005

DEPT. OF COMMERCE
Patent and Trademark Office

<p>9/26/05</p> <p>RECORDATION PATENT</p> <p>103092681</p>	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
<p>1. Name of conveying party(ies) Hong Huang, Friedrich B. Prinz, Masafumi Nakamura</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>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: 94306-1106 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s): Execution Date(s) 09/20/2005</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____</p>	
<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s) 11/170393 B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>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: _____</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 <input checked="" type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information a. Credit Card Last 4 Numbers 9737 Expiration Date 10/06 b. Deposit Account Number _____ Authorized User Name _____</p>
<p>9. Signature: _____ Signature Ken Benderly Name of Person Signing September 21, 2005 Date Total number of pages including cover sheet, attachments, and documents: 4</p>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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* Recordation accepted by the PTO

PATENT
REEL: 018662 FRAME: 0744

AUG. 23. 2005 12:12PM

STANFORD HANSEN LABS

NO. 0074 P. 2/5

**original assignment*

Attorney Docket No: S04-006/US

ASSIGNMENT

THIS ASSIGNMENT, by

Daniel V. Palanker and Harvey A. Fishman*COPY*

(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: 018662 FRAME: 0745**

AUG. 23. 2005 12:13PM

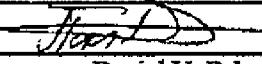
STANFORD HANSEN LABS

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

COPY

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: _____ Daniel 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