

06-04-2003

COVER SHEET

-Y

FORM PTO-1595 U.S.

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)



102463344

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **6-2-03**
Janelle R. Anderson, Daniel T. Chiu,
Rebecca J. Jackman, Okasana Cherniavskaya,
J. Cooper McDonald, and George M. Whitesides

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

3. Nature of conveyance:

☒ Assignment [] Merger
☐ Security Agreement [] Change of Name
☐ Other _____

Execution Date: **April 11, 2003, May 14, 2003,**
March 7, 2003, February 20, 2003, April 10, 2003,
and February 28, 2003

2. Name and address of receiving party(ies)

Name: **President and Fellows of Harvard College****17 Quincy Street****Cambridge, Massachusetts 02138**

Additional name(s) & addresses(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)

B. Patent No.(s)

10/303,642

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence
Concerning document should be mailed:

Name: **Timothy J. Oyer, Ph.D.**
Address: **Wolf, Greenfield & Sacks, P.C.**
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

6. Total number of applications and patents involved: **[1]**

7. Total fee (37 CFR 3.41)

\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit accountThe Commissioner is authorized to charge any
deficiencies in the enclosed payment to:

8. Deposit Account No: 23/2825

06/03/2003 DBYRNE 00000003 10303642

01 FC:8021

40.00 OP

DO NOT USE THIS SPACE

9. 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.

Michael J. Pomianek

Name of Person Signing

Signature

May 30, 2003

Date

Total number of pages including cover sheet, attachments, and document: **[19]**

Mail documents to be recorded with required cover sheet information to (modify as appropriate):

Mail Stop Assignment Recordation Services**Director - U.S. Patent and Trademark Office (when filed separately from a new application)****Commissioner of Patents (when filed with a new application)****PO Box 1450, Alexandria, VA 22313-1450****PATENT****REEL: 014118 FRAME: 0001**

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Janelle R. Anderson, 212-301 Markham Street, Toronto, Ontario M6J 3X2 Canada, Daniel T. Chiu, 7009 40th Avenue NE, Seattle, WA 98115, Rebecca J. Jackman, 29 Revere Street #4, Boston, MA 02114, Oksana Cherniavskaya, 419 West 118th Street #23A, New York, NY 10027, J. Cooper McDonald, 3 Arnold Court, Somerville, MA 02143 and George M. Whitesides, 124 Grasmere Street, Newton, MA 02158; hereby:

Sell, assign and transfer to President and Fellows of Harvard College, a Massachusetts corporation having a place of business at 17 Quincy Street, Cambridge, MA 02138, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office, bearing attorney docket number H00498.70192.US, on November 25, 2002 under Serial No. 10/303,642 and entitled **Microfluidic Systems Including Three-Dimensionally Arrayed Channel Networks**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us/me.

April 11, 2003
Date

Janelle R. Anderson
Janelle R. Anderson

STATE OF Ontario :
COUNTY OF Toronto :

Subscribed and sworn to before me this 11th day of April.

SEAL

[Signature]
My Commission Expires N/A Notary Public

Date Daniel T. Chiu

STATE OF _____ :
COUNTY OF _____ :

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires _____ Notary Public

Date Rebecca J. Jackman

STATE OF _____ :
COUNTY OF _____ :

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires _____ Notary Public

Date Oksana Cherniavskaya

STATE OF _____:
COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date J. Cooper McDonald

STATE OF _____:
COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date George M. Whitesides

STATE OF _____:
COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

ASSIGNMENT

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Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us/me.

Date _____

Janelle R. Anderson

STATE OF _____:

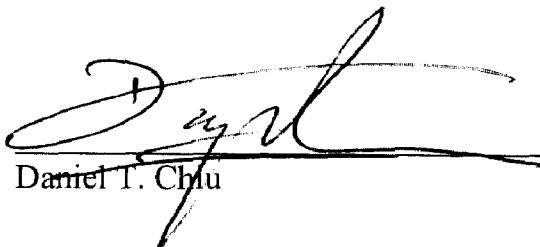
COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires _____ Notary Public

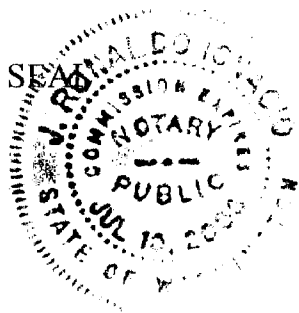
May 14, 2003
Date _____

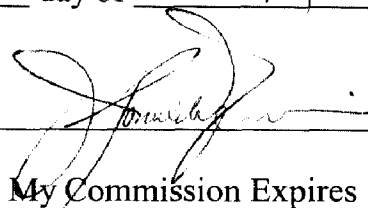

Daniel T. Chu

STATE OF WASHINGTON:

COUNTY OF KING:

Subscribed and sworn to before me this 14th day of MAY, 2003.




My Commission Expires 7-10-06 Notary Public

Date _____

Rebecca J. Jackman

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires _____ Notary Public

Date

Oksana Cherniavskaya

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

J. Cooper McDonald

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

George M. Whitesides

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

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Date

Janelle R. Anderson

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

Daniel T. Chiu

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

March 7, 2003

Date

Rebecca J. Jackman
Rebecca J. Jackman

STATE OF MASSACHUSETTS
COUNTY OF SUFFOLK:

Subscribed and sworn to before me this 7th day of MARCH, 2003.

SEAL

Bella Westerman
Notary Public
My Commission Expires 10/10/08

Date

Oksana Cherniavskaya

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

J. Cooper McDonald

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

George M. Whitesides

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

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Date

Janelle R. Anderson

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

Daniel T. Chiu

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

Rebecca J. Jackman

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

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Date

Janelle R. Anderson

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

Daniel T. Chiu

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

Rebecca J. Jackman

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

Oksana Cherniavskaya

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

Notary Public
My Commission Expires _____

April 10, 2003
Date

J. Cooper McDonald
J. Cooper McDonald

STATE OF MA:

COUNTY OF Suffolk:

Subscribed and sworn to before me this 10 day of April 2003.

SEAL

Delores D. Zil
Notary Public
My Commission Expires 10/31/2008

Date

George M. Whitesides

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

Notary Public
My Commission Expires _____

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Janelle R. Anderson

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date

Daniel T. Chiu

STATE OF _____:

COUNTY OF _____:

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SEAL

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Date

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STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires Notary Public

Date _____

Oksana Cherniavskaya

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires _____ Notary Public

Date _____

J. Cooper McDonald

STATE OF _____:

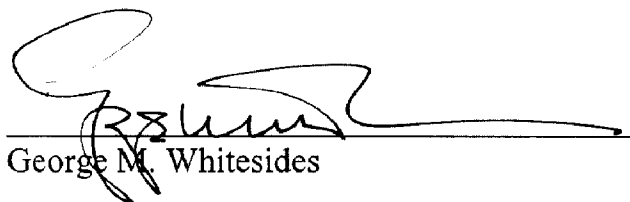
COUNTY OF _____:

Subscribed and sworn to before me this _____ day of _____.

SEAL

My Commission Expires _____ Notary Public

2/28/03
Date _____


George M. Whitesides

STATE OF MASSACHUSETTS:

COUNTY OF Middlesex:

Subscribed and sworn to before me this 28th day of February, 2003.

SEAL

David Richard Smith-Boyle
My Commission Expires _____ Notary Public
MY COMMISSION EXPIRES JULY 24, 2009