

REEL: 9554 FRAME: 0174

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Enoch Kim, 321 Dartmouth Street, #7, Boston, Massachusetts 02116, Younan Xia, 6200 Sand Point Way, N.E., Apt. 303, Seattle, Washington 98115, Milan Mrksich, 155 North Harbor Drive, Unit 4308, Chicago, Illinois 60601, Rebecca J. Jackman, 38 Grove Street #2, Boston, Massachusetts 02114, Xiao-Mei Zhao, _____

_____, Stephen P. Smith, _____

Mara G. Prentiss, 4 Dinsmore Court, Cambridge, Massachusetts 02138, George M. Whitesides, 124 Grasmere Street, Newton, Massachusetts 02158, and Christian Marzolin, 10 rue Saint-Anastase, 75003 Paris France hereby

Sell, assign and transfer to **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**, a Massachusetts corporation having a place of business at University Place, 4th Floor South, 124 Mount Auburn Street, Cambridge, Massachusetts 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 on January 8, 1998 under Serial No. 09/004,583 and entitled **Method of Forming Articles Including Waveguides via Capillary Micromolding and Microtransfer Molding**, 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.

We 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 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.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

We 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.

8/17/98
Date

Enoch Kim
Enoch Kim

STATE OF Massachusetts:
COUNTY OF Essex:

Subscribed and sworn to before me this 17th day of August, 1998.

SEAL Kathleen F. Breen
Notary Public

My Commission Expires 7/5/02

Date

Younan Xia

STATE OF _____:
COUNTY OF _____:

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

SEAL _____
Notary Public

My Commission Expires _____

Date

Milan Mrksich

STATE OF _____:
COUNTY OF _____:

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

SEAL _____
Notary Public

My Commission Expires _____

Date

Rebecca J. Jackman

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Xiao-Mei Zhao

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Stephen P. Smith

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Mara G. Prentiss

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

George M. Whitesides

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Christian Marzolin

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

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to others by us and that full right to convey the same as herein expressed is possessed by us.

Date

Enoch Kim

STATE OF _____:
COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

9/18/98
Date

[Signature]
Younan Xia

STATE OF WASHINGTON:
COUNTY OF KING:

Subscribed and sworn to before me this 18th day of September 1998

SEAL

Linda M Marsh
Notary Public

My Commission Expires 10/28/01

Date

Milan Mrksich

STATE OF _____:
COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Rebecca J. Jackman

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Xiao-Mei Zhao

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Stephen P. Smith

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Mara G. Prentiss

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

George M. Whitesides

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Christian Marzolin

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

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to others by us and that full right to convey the same as herein expressed is possessed by us.

Date

Enoch Kim

STATE OF _____:
COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Younan Xia

STATE OF _____:
COUNTY OF _____:

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


SEAL

Notary Public

My Commission Expires _____

8.24.98

Date



Milan Mrksich

STATE OF ILLINOIS _____:
COUNTY OF COOK _____:

Subscribed and sworn to before me this 24th day of AUGUST 1998.

SEAL





Notary Public

My Commission Expires 5-28-2000

Date

Rebecca J. Jackman

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Xiao-Mei Zhao

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Stephen P. Smith

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Mara G. Prentiss

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

George M. Whitesides

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Christian Marzolin

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

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to others by us and that full right to convey the same as herein expressed is possessed by us.

Date Enoch Kim

STATE OF _____:
COUNTY OF _____:

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

SEAL

Notary Public
My Commission Expires _____

Date Younan Xia

STATE OF _____:
COUNTY OF _____:

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

SEAL

Notary Public
My Commission Expires _____

Date Milan Mrksich

STATE OF _____:
COUNTY OF _____:

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

SEAL

Notary Public
My Commission Expires _____

September 2, 1998
Date

R. Jackman
Rebecca J. Jackman

STATE OF MASSACHUSETTS :
COUNTY OF MIDDLESEX :

Subscribed and sworn to before me this 2 day of SEPTEMBER 1998

SEAL

George Tompkins
Notary Public

My Commission Expires _____

September 2, 1998
Date

Xiao-Mei Zhao
Xiao-Mei Zhao

STATE OF MASSACHUSETTS :
COUNTY OF MIDDLESEX :

Subscribed and sworn to before me this 2 day of SEPTEMBER 1998

SEAL

George Tompkins
Notary Public

My Commission Expires _____

August 27, 1998
Date

Stephen P. Smith
Stephen P. Smith

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 27th day of August, 1998

SEAL

Mary Tompkins
Notary Public

My Commission Expires **EXPIRES JANUARY 21, 2006**

August 27, 1998
Date

Mara Prentiss
Mara G. Prentiss

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 27th day of August, 1998

SEAL

Mary Lampson
Notary Public

My Commission Expires EXPIRES JANUARY 21, 2005

September 1, 1998
Date

George M. Whitesides
George M. Whitesides

STATE OF MASSACHUSETTS :
COUNTY OF MIDDLESEX :

Subscribed and sworn to before me this 1 day of September 1998

SEAL

George Lampson
Notary Public

My Commission Expires _____

Date

Christian Marzolin

STATE OF _____ :
COUNTY OF _____ :

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

SEAL

Notary Public

My Commission Expires _____

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_____, Stephen P. Smith, _____

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Date

Enoch Kim

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Younan Xia

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Milan Mrksich

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Rebecca J. Jackman

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Xiao-Mei Zhao

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Stephen P. Smith

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

Mara G. Prentiss

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

Date

George M. Whitesides

STATE OF _____:

COUNTY OF _____:

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

SEAL

Notary Public

My Commission Expires _____

September 8th 1998

Date

Christian Marzolin

Christian Marzolin

STATE OF _____:

COUNTY OF _____:

Subscribed and sworn to before me this 5 day of OCTOBER 1998

SEAL

Me Yann Michot

Notary Public

My Commission Expires _____

