FORM PTO-1595 (Rev. 6-93)	R SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
OMB No. 0651-0011 (exp. 4/94)		
Tab settings □□□□ 10087142	8 attached original documents or copy thereof.	
To the Honorable Commissioner C.		
 Name of conveying party(ies): Enoch Kim, Younan Xia, Milan Mrksich, Rebecca J. Jackman, Xiao-Mei Zhao, Stephen P. Smith, Mara G. Prentiss, George M. Whitesides and Christian Marzolin Additional name(s) of conveying party(ies) attached? U Yes W No 	Name and address of receiving party(ies) Name: President and Fellows of Harvard College Internal Address: College	
3. Nature of conveyance: MRD 10-29-98		
	Street Address: <u>University Place, 4th Floor</u>	
☐ Security Agreement ☐ Change of Name	South, 124 Mount Auburn Street	
□ Other	City: Cambridge State: MA ZIP: 02138	
Aug. 17, 24, & 27, 1998 Execution Date: Sept. 1, 2, 8, & 18, 1998	Additional name(s) & address(es) attached? ☐ Yes X No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application	on, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
09/004,583		
Additional numbers attached? ☐ Yes Ki No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Timothy J. Oyer, Esq. Name: WOLF, GREENFIELD & SACKS, P.C.	7. Total fee (37 CFR 3.41)\$ 40.00	
Internal Address: H0498/7062		
	☐ Authorized to be charged to deposit account	
Street Address: Federal Reserve Plaza	The Commissioner is authorized to charge: 8. Deposit account number:	
600 Atlantic Avenue	23/2825	
City: Boston State: MA ZIP: 02210	(Attach duplicate copy of this page if paying by deposit account)	
,	SE THIS SPACE	
01 FC:581 40.00 DP		
the original document.	mation is true and correct and any attached copy is a true copy of	
Timothy J. Oyer	October 26, 1998	
Name of Person Signing Total number of pages including	Signature Date grover sheet, attachments, and document:	
Mail documents to be recorded with required cover sheet information to:		

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.		
Whitegides 124 Cragmore Street Newton Maggashygotts 03159 and Christian		

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

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	Eurh a
Date	Enoch Kim
STATE OF MASSACHUSETTS: COUNTY OF ESSEX:	
Subscribed and sworn to before me t	this 17th day of August, 1998.
Subscribed and sworn to before me t	Notary Public
	My Commission Expires 7/5/02
Date	Younan Xia
STATE OF: COUNTY OF:	
Subscribed and sworn to before me t	chis day of
SEAL	
	Notary Public
	My Commission Expires
Date	Milan Mrksich
STATE OF :	
Subscribed and sworn to before me t	chis day of
SEAL	
	Notary Public
	My Commission Expires

- 2 -

Date	Rebecca J. Jackman
STATE OF:	
COUNTY OF:	
Subscribed and sworn to before me th	nis day of
SEAL	
	Notary Public
	My Commission Expires
Date	Xiao-Mei Zhao
STATE OF: COUNTY OF:	
Subscribed and sworn to before me th	nis day of
SEAL	Notary Public
	My Commission Expires
Date	Stephen P. Smith
STATE OF:	
COUNTY OF:	
Subscribed and sworn to before me th	is day of
SEAL	
	Notary Public
	My Commission Expires

Date	Mara G. Prentiss
STATE OF: COUNTY OF:	
Subscribed and sworn to before me the	hisday of
SEAL	
	Notary Public
	My Commission Expires
Date	George M. Whitesides
STATE OF: COUNTY OF:	
Subscribed and sworn to before me th	his day of
SEAL	
	Notary Public
	My Commission Expires
Date	Christian Marzolin
STATE OF:	
COUNTY OF:	
Subscribed and sworn to before me th	nis day of
SEAL	
	Notary Public
	My Commission Expires

- 4 -

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#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		

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Enoch Kim Date STATE OF ____: COUNTY OF ____: Subscribed and sworn to before me this ____ day of _____. SEAL Notary Public My Commission Expires _____ Subscribed and sworn to before me this $\frac{1}{2}$ 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

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

possessed by us.

Date	Rebecca J. Jackman
STATE OF: COUNTY OF:	
Subscribed and sworn to before me the	is day of
SEAL	
	Notary Public
	My Commission Expires
Date	Xiao-Mei Zhao
STATE OF:	
COUNTY OF:	
Subscribed and sworn to before me the	is day of
SEAL	
	Notary Public
	My Commission Expires
Date	Stephen P. Smith
STATE OF:	
COUNTY OF:	
Subscribed and sworn to before me th	is day of
SEAL	
	Notary Public
	My Commission Expires

- 3 -

PATENT

REEL: 9554 FRAME: 0181

Date	Mara G. Prentiss
STATE OF: COUNTY OF:	
Subscribed and sworn to before me thi	is day of
SEAL	Notary Public
	My Commission Expires
Date	George M. Whitesides
STATE OF: COUNTY OF:	
Subscribed and sworn to before me the	is day of
SEAL	Notary Public
	My Commission Expires
Date	Christian Marzolin
STATE OF: COUNTY OF:	
Subscribed and sworn to before me the	is day of
SEAL	Notary Public
	My Commission Expires

- 4 -

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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		

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Date	Enoch Kim
STATE OF	
Subscribed and sworn to before t	me this day of
SEAL	Notary Public
	My Commission Expires
Date	Younan Xia
STATE 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 24** day of Avgust 1998.
OFFICIAL SEAL RUDOLPH A BANOVICH NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES: 05/28/00	Notary Public My Commission Expires 5-20-2000

Date	Rebecca J. Jackman
STATE OF: COUNTY OF:	
Subscribed and sworn to before me th	is day of
SEAL	
	Notary Public
	My Commission Expires
Date	Xiao-Mei Zhao
STATE OF:	
COUNTY OF:	
Subscribed and sworn to before me th	is day of
SEAL	Notary Public
	My Commission Expires
Date	Stephen P. Smith
STATE OF:	
Subscribed and sworn to before me th	is day of
SEAL	
	Notary Public
	My Commission Expires

Date	Mara G. Prentiss
STATE OF: COUNTY OF:	
Subscribed and sworn to before me th	is day of
SEAL	
	Notary Public
	My Commission Expires
Date	George M. Whitesides
STATE OF: COUNTY OF:	
Subscribed and sworn to before me th	is
SEAL	
	Notary Public
	My Commission Expires
Date	Christian Marzolin
STATE OF:	
COUNTY OF:	
Subscribed and sworn to before me th	is day of
SEAL	
	Notary Public
	My Commission Expires

- 4 -

199200.1

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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

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Enoch Kim Date STATE OF ____: COUNTY OF ____: Subscribed and sworn to before me this _____ day of _____. SEAL Notary Public My Commission Expires _____ Younan Xia Date 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

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

possessed by us.

PATENT REEL: 9554 FRAME: 0188

My Commission Expires _____

September 2, 1998	Rilackuai
Date	Rebecca J. Jackman
STATE OF MASSACHUSETTS: COUNTY OF MIDDLESER:	
Subscribed and sworn to before me	this _2 day of SEPTEMBER 1998
SEAL	Notary Public
	My Commission Expires
Septem ber 2, 1998 Date	Ziao-Mei Zhao
STATE OF MASSACAUSETTS: COUNTY OF MIDDLESEX:	
Subscribed and sworn to before me	this 2 day of Scorenal 1995
SEAL	Notary Public
	My Commission Expires
August 27, 1998	Stephen P. Smith
STATE OF massochusetts: COUNTY OF middlessy:	
Subscribed and sworn to before me	this 27th day of august, 1998
SEAL	Mary Longros Notary Publik

My Commission Expires EXPIRES JANUARY 21, 2005

Juguet 27, 1998 Date STATE OF Massichusetts: COUNTY OF Middlery:	Mara G. Prentiss A 27th of avaint 1988	
Subscribed and sworn to before me thi	My Commission ExpiresEXPIRES JANUARY 21, 2005	
Date STATE OF MASSACAUSETTS: COUNTY OF MIDDLESEX:	George M. Whitesides	
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 thi	s day of	
SEAL	Notary Public	

My Commission Expires _____

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Date	Enoch Kim
STATE OF: COUNTY OF:	
Subscribed and sworn to before me thi	s day of
SEAL	Notary Public
	My Commission Expires
Date	Younan Xia
STATE OF: COUNTY OF:	
Subscribed and sworn to before me thi	s day of
SEAL	Notary Public
	My Commission Expires
 Date	Milan Mrksich
STATE OF: COUNTY OF:	
Subscribed and sworn to before me thi	s day of
SEAL	Notary Public
	My Commission Expires

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	Notary Public
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STATE OF: COUNTY OF:	
Subscribed and sworn to before me thi	s day of
SEAL	
	Notary Public
	My Commission Expires
Date	Stephen P. Smith
STATE OF:	
COUNTY OF:	
Subscribed and sworn to before me thi	s day of
SEAL	
	Notary Public
	My Commission Expires

Date	Mara G. Prentiss
STATE OF: COUNTY OF:	
Subscribed and sworn to before me th	is day of
SEAL	Notary Public
	My Commission Expires
Date	George M. Whitesides
STATE OF: COUNTY OF:	
Subscribed and sworn to before me th	is day of
SEAL	Notary Public
	My Commission Expires
September PH 1998	Christian Marzolin
STATE OF: COUNTY OF:	
Subscribed and sworn to before me th	is 5 day of OCTOBER 1998
SEAL	Notary Public My Commission Expire
199200 1	- 4 -

RECORDED: 10/29/1998