PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3445605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMUEL K. SIA	11/02/2006
GEORGE M. WHITESIDES	09/25/2006
MAX NAROVLYANSKY	01/02/2007
ADAM SIEGEL	09/08/2006

RECEIVING PARTY DATA

Name:	PRESIDENT AND FELLOWS OF HARVARD COLLEGE
Street Address:	17 QUINCY STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02138

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13860160

CORRESPONDENCE DATA

Fax Number: (617)646-8646

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 617-646-8000

Email: THANIFIN@WOLFGREENFIELD.COM

Correspondent Name: JESSAMINE N. LEE

Address Line 1: WOLF GREENFIELD & SACKS, P.C.

Address Line 2: **600 ATLANTIC AVENUE**

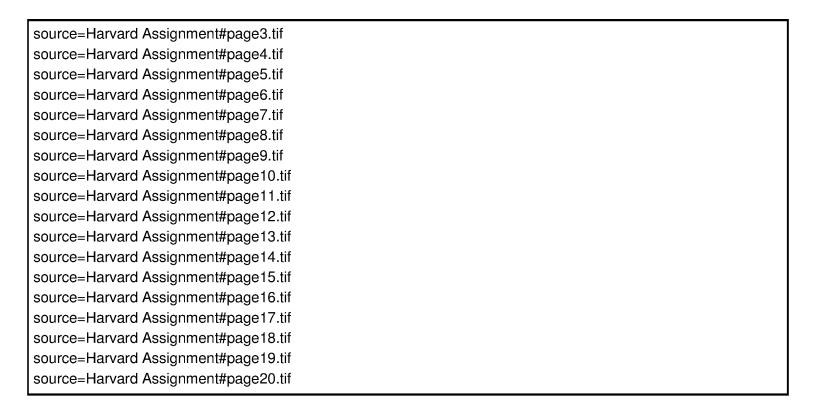
Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	H0498.70244US02
NAME OF SUBMITTER:	JESSAMINE LEE
SIGNATURE:	/Jessamine Lee/
DATE SIGNED:	07/20/2015

Total Attachments: 20

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> **PATENT** REEL: 036133 FRAME: 0836 503398980



PATENT REEL: 036133 FRAME: 0837

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned hereby:

- 1. 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, its successors, assigns and legal representatives, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for Letters Patent filed on April 19, 2006 under International Patent Application No. PCT/US2006/014583 and entitled FLUIDIC STRUCTURES INCLUDING MEANDERING AND WIDE CHANNELS, bearing Attorney Docket No. H0498.70244W000, and to said international application and all national, regional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country 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 or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
- 2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design 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 me 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 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;
- 3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; and
- 5. 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 me and that full right to convey the same as herein expressed is possessed by me.

11	2	106		Sem Si
Date	ι		Inventor:	Samuel K. Sia

Address: 560 Riverside Drive, Apt. 19F New York, NY 10027

Citizenship: Canadian

COUNTY OF New Yo	the state of the s	
On this 2 day of Nov.	20 <u>00</u> before me, the undersigned notary public, personally appeared ed to me through satisfactory evidence of identification, which were we	
Samuel K. Sia prov	ed to me through satisfactory evidence of identification, which were we	M
Massachoseth Driver License to	o be the person who signed the preceding or attached document in my	
presence and swore or affirmed	d to me that the contents of the document are truthful and accurate to the	1e
best of (his) (her) knowledge ar	nd helief and acknowledged to me that (he) (she) signed it voluntarily fo	r ite

stated purpose.

Notary Public

My commission expires

FLORENCE J GRANT
Notory Public - State of New York
NO. 01GR4666482
Qualified in New York County
My Commission Expires Mar 30, 2010

Docket No. H0498.70244WO00		Page 3 of 5
Date	 Inventor:	George M. Whitesides
	Address:	124 Grasmere Street Newton, MA 02458
	Citizenship:	US
STATE/COMMONWEALTH OF	· · · · · · · · · · · · · · · · · · ·	:
COUNTY OF	_:	
, proved to me	e through satisfac	dersigned notary public, personally appeared ctory evidence of identification, which were led the preceding or attached document in my
presence and swore or affirmed to me	that the contents	of the document are truthful and accurate to the led to me that (he) (she) signed it voluntarily for its
SEAI	•	

Notary Public

Docket No. H0498.70244WO00		Page 4 of 5
•		
Date	Inventor:	Max Narovlyansky
	Address:	4 Stinson Ct., #2, Cambridge, MA 02139
	Citizenship:	US
STATE/COMMONWEALTH OF		·
COUNTY OF	.:	
, proved to me, to be the presence and swore or affirmed to me the	through satisfactors berson who signate the contents	dersigned notary public, personally appeared story evidence of identification, which were sed the preceding or attached document in my of the document are truthful and accurate to the sed to me that (he) (she) signed it voluntarily for its
SEALNotary Public		

Docket No. H0498.70244WO00		Page 5 of 5
•		
Date	Inventor:	Adam Siegel
	Address:	29 Garden Street, #510 Cambridge, MA 02138
	Citizenship:	US
STATE/COMMONWEALTH OF	<u></u>	
COUNTY OF	_:	
, proved to me	through satisfact person who sign	dersigned notary public, personally appeared ctory evidence of identification, which were led the preceding or attached document in my
presence and swore or affirmed to me to best of (his) (her) knowledge and belief stated purpose.	nat the contents and acknowledg	of the document are truthful and accurate to the led to me that (he) (she) signed it voluntarily for its
SEAL		

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned hereby:

- 1. 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, its successors, assigns and legal representatives, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for Letters Patent filed on April 19, 2006 under International Patent Application No. PCT/US2006/014583 and entitled FLUIDIC STRUCTURES INCLUDING MEANDERING AND WIDE CHANNELS, bearing Attorney Docket No. H0498.70244W000, and to said international application and all national, regional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country 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 or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
- 2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design 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 me 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 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;
- 3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; and
- 5. 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 me and that full right to convey the same as herein expressed is possessed by me.

Date	Inventor:	Samuel K. Sia
	Address:	560 Riverside Drive, Apt. 19F New York, NY 10027
	Citizenship:	Canadian
BTATE/COMMONWEALTH OF		:
COUNTY OF	_:	
, proved to me, to be the presence and swore or affirmed to me poest of (his) (her) knowledge and belief	e through satisface person who signed that the contents	dersigned notary public, personally appeared ctory evidence of identification, which were ned the preceding or attached document in my of the document are truthful and accurate to the ged to me that (he) (she) signed it voluntarily for it
stated purpose.		
SEAL		
My commission expires		

25 Sept 06

Date

Inventor:

George M Whitesides

Address:

124 Grasmere Street Newton, MA 02458

Citizenship: US

STATE/COMMONWEALTH OF Mars arhuetts

COUNTY OF Middlesex

On this 25 day of whites desproved to me through satisfactory evidence of identification, which were passed to the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

Motary Public

My commission expires

JOHN L. RANDAZZO

NOTARY PUBLIC
My Commission Expires April 30, 2010

Docket No. H0498.70244WO00		Page 4 of 5
Date	_ Inventor:	Max Naroviyansky
	Address:	4 Stinson Ct., #2, Cambridge, MA 02139
	Citizenship:	US
STATE/COMMONWEALTH OF		:
COUNTY OF	_:	·
, proved to me	through satisfat person who sigr	dersigned notary public, personally appeared ctory evidence of identification, which were ned the preceding or attached document in my
		of the document are truthful and accurate to the ged to me that (he) (she) signed it voluntarily for its
SEAL Notary Public		
My commission expires		

Docket No. H0498.70244WO00	Page 5 of 5
Date Inventor:	Adam Siegel
Address:	29 Garden Street, #510 Cambridge, MA 02138
Citizenship:	US
STATE/COMMONWEALTH OF	
COUNTY OF:	
presence and swore or affirmed to me that the contents best of (his) (her) knowledge and belief and acknowled	actory evidence of identification, which were ned the preceding or attached document in my s of the document are truthful and accurate to the
stated purpose. SEAL Notary Public	

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned hereby:

- 1. 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, its successors, assigns and legal representatives, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for Letters Patent filed on April 19, 2006 under International Patent Application No. PCT/US2006/014583 and entitled FLUIDIC STRUCTURES INCLUDING MEANDERING AND WIDE CHANNELS, bearing Attorney Docket No. H0498.70244W000, and to said international application and all national, regional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country 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 or any other jurisdiction 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 and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design 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 me 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 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;
- 3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; and
- 5. 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 me and that full right to convey the same as herein expressed is possessed by me.

Date	Inventor:	Samuel K. Sia
	Address:	560 Riverside Drive, Apt. 19F New York, NY 10027
	Citizenship:	Canadian
STATE/COMMONWEALTH OF	*	:
COUNTY OF		
, proved t	to me through satisfac	dersigned notary public, personally appeared story evidence of identification, which were ned the preceding or attached document in my
presence and swore or affirmed to	me that the contents	of the document are truthful and accurate to the led to me that (he) (she) signed it voluntarily for its
SEALNotary Public		
My commission expires	······	

Page 3 of 5 Docket No. H0498.70244WO00 Date Inventor: George M. Whitesides 124 Grasmere Street Address: Newton, MA 02458 Citizenship: US STATE/COMMONWEALTH OF _____ : COUNTY OF _____: On this _____ day of _____, 20__, before me, the undersigned notary public, personally appeared ____, proved to me through satisfactory evidence of identification, which were , to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose. SEAL Notary Public

Docket No. H0498.70244WO00	Page 4 of 5
Date Inventor:	M. Navey Max Narovlyansky
Address:	4 Stinson Ct., #2, Cambridge, MA 02139
Citizenship:	US
STATE/COMMONWEALTH OF Massachus	setts :
COUNTY OF MIDDLES OX	
presence and swore or affirmed to me that the contents best of (his) (her) knowledge and belief and acknowledge	ctory evidence of identification, which were ned the preceding or attached document in my of the document are truthful and accurate to the
stated purpose. SEAL	TINA M. PRATTI Notary Public Commonwealth of Massachusetts My Commission Expires Oct. 9, 2009

Docket No. H0498.70244WO00

My commission expires _____

Page 5 of 5

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned hereby:

- 1. 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, its successors, assigns and legal representatives, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for Letters Patent filed on April 19, 2006 under International Patent Application No. PCT/US2006/014583 and entitled FLUIDIC STRUCTURES INCLUDING MEANDERING AND WIDE CHANNELS, bearing Attorney Docket No. H0498.70244W000, and to said international application and all national, regional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country 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 or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
- 2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design 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 me 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 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;
- 3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; and
- 5. 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 me and that full right to convey the same as herein expressed is possessed by me.

		,
Date	Inventor:	Samuel K. Sia
	Address:	560 Riverside Drive, Apt. 19F New York, NY 10027
	Citizenship:	Canadian
STATE/COMMONWEALTH OF		:
COUNTY OF	_:	
, proved to me	through satisfac	dersigned notary public, personally appeared ctory evidence of identification, which were ned the preceding or attached document in my
presence and swore or affirmed to me ti	hat the contents	of the document are truthful and accurate to the ged to me that (he) (she) signed it voluntarily for it
SEAL Notary Public		
My commission expires		

Date Inventor:	George M. Whitesides
Address:	124 Grasmere Street Newton, MA 02458
Citizenship:	US
STATE/COMMONWEALTH OF	· ·
COUNTY OF:	
On thisday of, 20, before me, the un, proved to me through satisfaction, to be the person who sign presence and swore or affirmed to me that the contents best of (his) (her) knowledge and belief and acknowledge stated purpose.	ctory evidence of identification, which were ned the preceding or attached document in my of the document are truthful and accurate to the
CEAL	

Docket No. H0498.70244WO00

Notary Public

My commission expires

Page 3 of 5

Docket No. H0498.70244WO00		Page 4 of 5
Date	Inventor:	Max Narovlyansky
	Address:	4 Stinson Ct., #2, Cambridge, MA 02139
	Citizenship:	US
STATE/COMMONWEALTH OF		 :
COUNTY OF	_:	
, proved to me, to be the presence and swore or affirmed to me t	through satisfact person who sign that the contents	dersigned notary public, personally appeared ctory evidence of identification, which were ned the preceding or attached document in my of the document are truthful and accurate to the ned to me that (he) (she) signed it voluntarily for its
stated purpose.	•	,
SEALNotary Public		

918/06		Ar Sw
Date / /	Inventor:	Adam Siegel

Address: 29 Garden Street, #510 15 Transmore St. #11 -Cambridge, MA 02138 cambridge, MA 02138

Citizenship: US

STATE/COMMONWEALTH OF	Massachisett
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On this 9 day of 500, 200 before me, the undersigned notary public, personally appeared proved to me through satisfactory evidence of identification, which were Do vers Ucase, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

My commission expires JOHN L. RANDAZZO NOTARY PUBLIC My Commission Expires April 30, 2010

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PATENT REEL: 036133 FRAME: 0857