

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------|---------------------|------------|----------------------|------------|------------------|------------|-------------|------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Samuel K. Sia</td><td>11/02/2006</td></tr><tr><td>George M. Whitesides</td><td>09/25/2006</td></tr><tr><td>Max Narovlyansky</td><td>01/02/2007</td></tr><tr><td>Adam Siegel</td><td>09/08/2006</td></tr></tbody></table> | 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 | |
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| 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 | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11887487</td></tr></tbody></table> | Property Type | Number | Application Number: | 11887487 | | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 11887487 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | (617)646-8646 | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
| Phone: | 6176468251 | | | | | | | | | | |
| Email: | patents_TimO@wolfgreenfield.com | | | | | | | | | | |
| Correspondent Name: | Timothy J. Oyer | | | | | | | | | | |
| Address Line 1: | 600 Atlantic Avenue | | | | | | | | | | |
| Address Line 4: | Boston, MASSACHUSETTS 02210 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | H0498.70244US01 | | | | | | | | | | |
| NAME OF SUBMITTER: | Timothy J. Oyer | | | | | | | | | | |
| Total Attachments: 20 source=H0498.70244US01ASSNG#page1.tif | | | | | | | | | | | |

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ASSIGNMENT

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. H0498.70244WO00, 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.

This instrument is executed under seal.

Date 11/2/06Inventor: Sam Sia
Samuel K. SiaAddress: 560 Riverside Drive, Apt. 19F
New York, NY 10027

Citizenship: Canadian

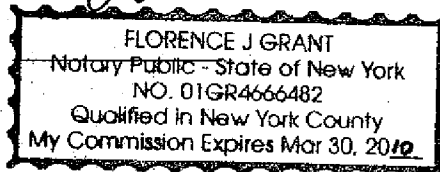
STATE/Commonwealth of New York :COUNTY OF New York :

On this 2 day of Nov., 2006, before me, the undersigned notary public, personally appeared Samuel K. Sia, proved to me through satisfactory evidence of identification, which ~~were~~ was ~~Massachusetts Driver License~~ 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

My commission expires



Date _____

Inventor: George M. Whitesides

Address: 124 Grasmere Street
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

My commission expires _____

Date _____

Inventor: Max Narovlyansky _____

Address: 4 Stinson Ct., #2,
Cambridge, MA 02139

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

My commission expires _____

Date _____

Inventor: Adam Siegel _____

Address: 29 Garden Street, #510
Cambridge, MA 02138

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

My commission expires _____

ASSIGNMENT

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. H0498.70244WO00, 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.

This instrument is executed under seal.

Date _____

Inventor: Samuel K. Sia _____

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

Citizenship: Canadian

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

My commission expires _____

25 Sept 06
Date

George M. Whitesides
Inventor: George M. Whitesides

Address: 124 Grasmere Street
Newton, MA 02458

Citizenship: US

STATE/COMMONWEALTH OF Massachusetts :

COUNTY OF Middlesex :

On this 25 day of September 2006, before me, the undersigned notary public, personally appeared George M. Whitesides proved to me through satisfactory evidence of identification, which were passport 017001076, exp 7/1/03 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 John L. Randazzo
Notary Public

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

Date _____

Inventor: Max Narovlyansky

Address: 4 Stinson Ct., #2,
Cambridge, MA 02139

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

My commission expires _____

Date _____

Inventor: Adam Siegel _____

Address: 29 Garden Street, #510
Cambridge, MA 02138

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

My commission expires _____

ASSIGNMENT

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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. H0498.70244WO00, 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;
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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.

This instrument is executed under seal.

Date _____

Inventor: Samuel K. Sia _____

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

Citizenship: Canadian

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

My commission expires _____

Date _____

Inventor: George M. WhitesidesAddress: 124 Grasmere Street
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

My commission expires _____

Date 01/02/07Inventor: Max NarovlyanskyAddress: 4 Stinson Ct., #2,
Cambridge, MA 02139

Citizenship: US

STATE/COMMONWEALTH OF Massachusetts :COUNTY OF Middlesex :

On this 2 day of Jan, 2007, before me, the undersigned notary public, personally appeared Max Narovlyansky, proved to me through satisfactory evidence of identification, which were Passport, 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

My commission expires 10.9.09

TINA M. PRATTI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
Oct. 9, 2009

Date _____

Inventor: Adam Siegel _____

Address: 29 Garden Street, #510
Cambridge, MA 02138

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

My commission expires _____

ASSIGNMENT

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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.

This instrument is executed under seal.

Date _____

Inventor: Samuel K. Sia

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

Citizenship: Canadian

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

My commission expires _____

Date _____

Inventor: George M. Whitesides

Address: 124 Grasmere Street
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

My commission expires _____

Date _____

Inventor: Max Narovlyansky

Address: 4 Stinson Ct., #2,
Cambridge, MA 02139

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

My commission expires _____

Date 9/8/06Inventor: Adam SiegelAddress: ~~29 Garden Street, #510~~
~~Cambridge, MA 02138~~15 Trowbridge St. #11
Cambridge, MA 02138

Citizenship: US

A.C.S.

STATE/Commonwealth of Massachusetts :COUNTY OF Middlesex :

On this 9 day of Sept., 2006, before me, the undersigned notary public, personally appeared Adam Siegel, proved to me through satisfactory evidence of identification, which were Drivers License, 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

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