

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the city in address of Assignee: change "Boston" to "Cambridge" previously recorded on Reel 022929 Frame 0944. Assignor(s) hereby confirms the assignment of inventors.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Anne M. Mayes	12/12/2008
Ayse Asatekin Alexiou	05/18/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Massachusetts Institute of Technology
<b>Street Address:</b>	77 Massachusetts Avenue
<b>City:</b>	Cambridge
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	60791003
<b>Application Number:</b>	12226121
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)646-8646
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	617-646-8000
<b>Email:</b>	patents_TimO@wolfgreenfield.com
<b>Correspondent Name:</b>	Timothy J. Oyer
<b>Address Line 1:</b>	600 Atlantic Avenue
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	M0925.70163US01
<b>NAME OF SUBMITTER:</b>	Timothy J. Oyer
Total Attachments: 11	

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**PATENT  
 REEL: 022943 FRAME: 0156**

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TO:TIMOTHY J. OYER COMPANY:WOLF GREENFIELD &amp; SACKS, P.C.

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.107/08/2009  
500905525

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>Anne M. Mayes</td> <td>12/12/2008</td> </tr> <tr> <td>Ayse Asatakin Alexiou</td> <td>05/18/2009</td> </tr> </tbody> </table>		Name	Execution Date	Anne M. Mayes	12/12/2008	Ayse Asatakin Alexiou	05/18/2009				
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	617.646.8251										
Email:	thanifin@wolfgreenfield.com										
Correspondent Name:	Timothy J. Oyer										
Address Line 1:	Wolf Greenfield & Sacks, P.C.										
Address Line 2:	600 Atlantic Avenue										
Address Line 4:	Boston, MASSACHUSETTS 02210										
ATTORNEY DOCKET NUMBER:	M0925.70183US01										
NAME OF SUBMITTER:	Timothy J. Oyer										
Total Attachments: 6 source=Assignment (2)#page1.tif											

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TO:TIMOTHY J. OYER COMPANY:WOLF GREENFIELD & SACKS, P.C.

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**ASSIGNMENT**

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

1. Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts Non-profit Corporation having a place of business at 77 Massachusetts Avenue; Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our 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 applications for United States Letters Patent filed in the United States Patent and Trademark Office on April 11, 2006 under No. 60/791,003 bearing Attorney Docket No. M0925.70163US00, and entitled FOULING RESISTANT MEMBRANES FORMED WITH POLYACRYLONITRILE GRAFT COPOLYMERS, application filed April 10, 2007 under International Patent Application Serial No. PCT/US2007/008797 bearing Attorney Docket No. M0925.70163WO00 and entitled FOULING RESISTANT MEMBRANES FORMED WITH POLYACRYLONITRILE GRAFT COPOLYMERS, and application filed October 8, 2008 under No. 12/226,121, bearing Attorney Docket No. M0925.70163US01, and entitled FOULING RESISTANT MEMBRANES FORMED WITH POLYACRYLONITRILE GRAFT COPOLYMERS, and in and to said application and all non-provisional, 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, including but not limited to Japan and Korea, 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, we 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 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 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;
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 us and that full right to convey the same as herein expressed is possessed by us; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.
7. This instrument is executed under seal.

12/12/2008  
Date

Anne M. Mayes  
Inventor: Anne M. Mayes  
Address: 13100 S.W. 104th Street  
Mustang, Oklahoma 73064  
Citizenship: US

STATE/Commonwealth of Oklahoma  
COUNTY OF Cherokee:

On this 12<sup>th</sup> day of Dec, 2008, before me, the undersigned notary public, personally appeared Anne M. Mayes, proved to me through satisfactory evidence of identification, which were DL, 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.



Mary Ann Scott  
Notary Public

My commission expires: 10-21-2011

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Ayse Asatekin

Address: 143 Albany Str

Apt. 009B

Cambridge, MA 02139

Citizenship: Turkey

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF \_\_\_\_\_:

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the undersigned notary public, personally appeared \_\_\_\_\_ Ayse Asatekin \_\_\_\_\_, 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 Assignors hereby:

1. Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts Non-profit Corporation having a place of business at 77 Massachusetts Avenue; Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our 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 applications for United States Letters Patent filed in the United States Patent and Trademark Office on April 11, 2006 under No. 60/791,003 bearing Attorney Docket No. M0925.70163US00, and entitled FOULING RESISTANT MEMBRANES FORMED WITH POLYACRYLONITRILE GRAFT COPOLYMERS, application filed April 10, 2007 under International Patent Application Serial No. PCT/US2007/008797 bearing Attorney Docket No. M0925.70163WO00 and entitled FOULING RESISTANT MEMBRANES FORMED WITH POLYACRYLONITRILE GRAFT COPOLYMERS, and application filed October 8, 2008 under No. 12/226,121, bearing Attorney Docket No. M0925.70163US01, and entitled FOULING RESISTANT MEMBRANES FORMED WITH POLYACRYLONITRILE GRAFT COPOLYMERS, and in and to said application and all non-provisional, 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, including but not limited to Japan and Korea, 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, we 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 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 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;
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 us and that full right to convey the same as herein expressed is possessed by us; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.
7. This instrument is executed under seal.



\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Anne M. Mayes

Address: 13100 S.W. 104th Street  
Mustang, Oklahoma 73064

Citizenship: US

STATE/Commonwealth of \_\_\_\_\_  
COUNTY OF \_\_\_\_\_:

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the undersigned notary public, personally appeared Anne M. Mayes, 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: \_\_\_\_\_

05/18/2009

Date

Inventor: Ayşe Asatekin Alexiou

Address: ~~143 Albany Str~~ 112 Highland Ave.

~~Apt. 009B~~ Unit C

~~Cambridge, MA 02139~~ Somerville, MA 02143

Citizenship: Turkey

COMMONWEALTH OF MASSACHUSETTS  
COUNTY OF MIDDLESEX :

On this 18 day of MAY, 2009, before me, the undersigned notary public, personally appeared Ayşe Asatekin Alexiou, proved to me through satisfactory evidence of identification, which were MA ID 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



My commission expires: \_\_\_\_\_

3/26/2010 Alina Havery  
5/18/09