Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Aimee Rose	03/10/2004
Timothy M. Swager	02/23/2004
Zhengguo Zhu	02/25/2004
Vladimir Bulovic	02/24/2004
Conor F. Madigan	02/24/2004

RECEIVING PARTY DATA

Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Avenue
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11005631

CORRESPONDENCE DATA

500401260

Fax Number: (617)646-8646

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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: M0925.70141US01

NAME OF SUBMITTER: Timothy J. Oyer

PATENT

REEL: 020129 FRAME: 0208

Н \$40,00

<u>.</u> СН **%** Total Attachments: 12
source=M0925.70141US00 Assignment#page1.tif
source=M0925.70141US00 Assignment#page2.tif
source=M0925.70141US00 Assignment#page3.tif
source=M0925.70141US00 Assignment#page4.tif
source=M0925.70141US00 Assignment#page5.tif
source=M0925.70141US00 Assignment#page6.tif
source=M0925.70141US00 Assignment#page7.tif
source=M0925.70141US00 Assignment#page8.tif
source=M0925.70141US00 Assignment#page9.tif
source=M0925.70141US00 Assignment#page10.tif
source=M0925.70141US00 Assignment#page10.tif

source=M0925.70141US00 Assignment#page12.tif

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Aimee Rose, 57 Manchester Road, Apt. 5, Brookline, Massachusetts 02446; Timothy M. Swager, 18 Copley Street, Newton, Massachusetts 02458; Zhengguo Zhu, 360 Littleton Road, #A4, Chelmsford, Massachusetts 01824; Vladimir Bulovic, 16 Lillian Road, Lexington, Massachusetts 02420; and Conor F. Madigan, 195 Binney Street, Apt. 1302, Cambridge, Massachusetts 02142; hereby:

Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts 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, 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, bearing attorney docket number M0925.70141US00, on December 5, 2003 under Serial No. 60/527,395 and entitled ORGANIC MATERIALS ABLE TO DETECT ANALYTES, 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;

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 reasonably 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;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

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/me.

770643.1

March 10, 2004	aimie Rose
STATE OF MAGGACHISE TO SECURITY OF ESSEX :	Aimee Rose
Subscribed and sworn to before me this _	10 th day of MARCH 2004.
SEAL	day of MARCH 2004. Darak Dearwell Notary Public My Commission Expires 5/19/2006
Date	Timothy M. Swager
STATE OF:	
COUNTY OF: Subscribed and sworn to before me this SEAL	day of
	My Commission Expires Notary Public
Date	Zhengguo Zhu
STATE OF:	
COUNTY OF:	
	day of
SEAL	Notary Public My Commission Expires

Date	Vladimir Bulovic	
STATE OF: COUNTY OF:		
Subscribed and sworn to before me this	day of	·
SEAL	My Commission Expires	Notary Public
Date	Conor F. Madigan	
STATE OF : COUNTY OF :		
Subscribed and sworn to before me this	day of	•
SEAL		
	My Commission Expires	Notary Public

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Aimee Rose, 57 Manchester Road, Apt. 5, Brookline, Massachusetts 02446; Timothy M. Swager, 18 Copley Street, Newton, Massachusetts 02458; Zhengguo Zhu, 360 Littleton Road, #A4, Chelmsford, Massachusetts 01824; Vladimir Bulovic, 16 Lillian Road, Lexington, Massachusetts 02420; and Conor F. Madigan, 195 Binney Street, Apt. 1302, Cambridge, Massachusetts 02142; hereby:

Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts 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, 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, bearing attorney docket number M0925.70141US00, on December 5, 2003 under Serial No. 60/527,395 and entitled **ORGANIC MATERIALS**ABLE TO DETECT ANALYTES, 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;

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 reasonably 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;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

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/me.

770612 1

Date	Aime	e Rose	
STATE OF: COUNTY OF:			
Subscribed and sworn to before me this		day of	*
SEAL	_		
		My Commission Expires	Notary Public
	_	\mathcal{I}_{M0}	
Feb. 23, 2004 Date	Timo	the Manager	
STATE OF Mayachusetts : COUNTY OF Middlesex :	111110	thy M. Swager	
Subscribed and sworn to before me this	23	_day of <u>February</u>	2004.
SEAL	_	(per	
	,	My Commission Expires	Notary Public Sure QS, Q010
Date	Zhen	gguo Zhu	
STATE OF: COUNTY OF:			
Subscribed and sworn to before me this		day of	·
SEAL	-	· · · · · · · · · · · · · · · · · · ·	
		My Commission Expires	Notary Public

Date	Vladimir Bulovic	
STATE OF: COUNTY OF:		
Subscribed and sworn to before me this	day of	······································
SEAL		
	My Commission Expires	Notary Public
Date	Conor F. Madigan	
STATE OF: COUNTY OF:		
Subscribed and sworn to before me this	day of	•
SEAL		
	My Commission Expires	Notary Public

<u>ASSIGNMENT</u>

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Aimee Rose, 57 Manchester Road, Apt. 5, Brookline, Massachusetts 02446; Timothy M. Swager, 18 Copley Street, Newton, Massachusetts 02458; Zhengguo Zhu, 360 Littleton Road, #A4, Chelmsford, Massachusetts 01824; Vladimir Bulovic, 16 Lillian Road, Lexington, Massachusetts 02420; and Conor F. Madigan, 195 Binney Street, Apt. 1302, Cambridge, Massachusetts 02142; hereby:

Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts 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, 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, bearing attorney docket number M0925.70141US00, on December 5, 2003 under Serial No. 60/527,395 and entitled **ORGANIC MATERIALS**ABLE TO DETECT ANALYTES, 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;

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 reasonably 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;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

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/me.

770643.1

Date	Aimee Rose
STATE OF:	
COUNTY OF:	
Subscribed and sworn to before me this	day of
SEAL	
	My Commission Expires Notary Public
TD (4.2	
Date	Timothy M. Swager
STATE OF:	
COUNTY OF	
Subscribed and sworn to before me this	day of
SEAL	
	My Commission Expires Notary Public
	1
2 125 12004	ngan
Date	Zhengguo Zhu
STATE OF MASSACULTS:	
Subscribed and sworn to before me this	25 day of February 5004
SEAL	and Opposition
	Notary Public My Commission Expires WOO I W

Date	Vladimir Bulovic	
STATE OF: COUNTY OF:		
Subscribed and sworn to before me this	day of	·
SEAL		
	My Commission Expires	Notary Public
Date	Conor F. Madigan	
STATE OF: COUNTY OF:		
Subscribed and sworn to before me this _	day of	•
SEAL		
	My Commission Expires	Notary Public

<u>ASSIGNMENT</u>

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Aimee Rose, 57 Manchester Road, Apt. 5, Brookline, Massachusetts 02446; Timothy M. Swager, 18 Copley Street, Newton, Massachusetts 02458; Zhengguo Zhu, 360 Littleton Road, #A4, Chelmsford, Massachusetts 01824; Vladimir Bulovic, 16 Lillian Road, Lexington, Massachusetts 02420; and Conor F. Madigan, 195 Binney Street, Apt. 1302, Cambridge, Massachusetts 02142; hereby:

Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts 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, 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, bearing attorney docket number M0925.70141US00, on December 5, 2003 under Serial No. 60/527,395 and entitled **ORGANIC MATERIALS**ABLE TO DETECT ANALYTES, 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;

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 reasonably 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;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

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/me.

770643.1

	•	
Date	Aimee Rose	
STATE OF: COUNTY OF:		
Subscribed and sworn to before me this	day of	*
SEAL		
	My Commission Expires	Notary Public
	. '	
Date	Timothy M. Swager	
STATE OF: COUNTY OF:		
Subscribed and sworn to before me this	day of	•
SEAL		
	My Commission Expires	Notary Public
Date	Zhengguo Zhu	
STATE OF: COUNTY OF:		
Subscribed and sworn to before me this	day of	·
SEAL		
	My Commission Expires	Notary Public

FeB. 24, 2004 Date	Vladimir Bulovic
STATE OF Massachusett: COUNTY OF Middleser:	
Subscribed and sworn to before me this	Hth day of February, 2004.
SEAK SARA A. FRENIER Notary Public Commonwealth of Massachusetts My Commission Expires Mar 14, 2008	Notary Public My Commission Expires March 14, 2008
2/24/04 Date	Conor F. Madigar
STATE OF Massachusett: COUNTY OF Middleser:	
Subscribed and sworn to before me this	24th day of February, 2004.
SEAL	Saletune
SARA: A. FRENIER Notary Public Commonwealth of Massachusetts My Commission Expires Mar 14, 2008	My Commission Expires March 14, 2008

RECORDED: 11/17/2007