04-10-2003

Docket No.: 301505.2004-001 Confirmation No.: 9999

DEFICE OF PHOLIC SECORECOI	HEET
	2415765
	arks: Please record the attached original documents or copy thereof.
1. Name of conveying party(les) 4-8-03	2. Name and address of receiving party(ies)
a) Changhuei Yang, b) Adam P. Wax, c) Lev T. Perelman	
d) Ramachandra R. Dasari, e) Michael S. Feld	Name: Massachusetts Institute of Technology
	Internal Address:
Ad itional name(s) of conveying party(ies) attached?	
3. Nature of conveyance:	Street Address: 77 Massachusetts Avenue
Security Agreement Change of Name	City: Cambridge State: MA ZIP: 02139
Other	
Execution Date: <u>a &amp; b) 08/28/01</u> , c) 03/21/03, d & e) 08/23/01	Additional name(s) & address(es) attached?
4 Application number(s) or patent number(s):	
If this document is being filed together with a new application	, the execution date of the application is:
A Patent Application No.(s)	B. Patent No.(s)
09/844,286	
`	
5. Name and address of party to whom correspondence	attached? Yes No  6. Total number of applications and patents involved: 1
concerning document should be mailed:	
Name: Thomas O. Hoover, Esq.	7. Total Fee (37 C.F.R. 3.41)
In ernal Address:	
Bowditch & Dewey, LLP	Authorized to charge any deficiencies or credit any overpayment to deposit account
St eet Address: 161 Worcester Road	Authorized to be charged to deposit account
P.O. Box 9320	(Attach duplicate copy of this page only if paying by deposit account)
	8. Deposit account number:
C) y: <u>Framingham</u> State: <u>MA</u> ZIP: <u>01701-9320</u>	50-1935
DO NOT	HEE THIS COLOR
9. Statement and signature.	USE THIS SPACE
To the best of my knowledge and belief, the foregoing informa	tion is true and correct and any attached copy is a true copy of the original
document.  Monica Grewal	onica ground april 2, 2623
Name of Person Signing	Signature Date
Total number of pages including	cover sheet attachments and documents.
Total number of pages including	cover sheet, attachments, and document: 9

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## **ASSIGNMENT**

WHEREAS, we, Changhuei Yang, Adam P. Wax, Lev T. Perelman, Ramachandra R. Dasari, and Michael S. Feld, have invented a certain improvement in Methods and Systems Using Field-Based Light Scattering Spectroscopy, described in an application for Letters Patent of the United States, the specification of which:

[]	is being executed on even date herewith and is a Patent Office;	about to be filed in the	e United States	;
[X]	was filed on April 27, 2001 as Application No.	09/844,286		
[]	was patented under U.S. Patent No. [	] on [	].	

WHEREAS, Massachusetts Institute of Technology (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

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IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

	n Va
Inventor's Signature:	Changhuei Yang
State/Commonwealth	4
of Mass	
County of Mu	Marie
Then personally appeared	ed before me the above-named <b>Changhuei Yang</b> and acknowledged that going instrument as his/her free act and deed this day of, 20
(SEAL)	Bright Sheyten Notary Public
	JUDITH K. SHEYTANIAN (print name)  NOTARY PUBLIC
	My CorMY COMMISSION EXPIRES / MAY 12, 2006

Inventor's Signature:	Adam P. Wax
State/Commonwealth	
of lucas	
County of	relder
	and before me the above-named Adam P. Wax and acknowledged that he/she instrument as his/her free act and deed this day of
(SEAL)	Scalth Resta Notary Public
	JUDITH K. SHEYTANIAN  NOTARY PUBLIC  My Commission Expires //  MAY 12, 2006  (print name)
Inventor's Signature:	Lev T. Perelman
Inventor's Signature: State/Commonwealth	Lev T. Perelman
-	Lev T. Perelman
State/Commonwealth	Lev T. Perelman
State/Commonwealth  of  County of  Then personally appeare	d before me the above-named <b>Lev T. Perelman</b> and acknowledged that he/shenstrument as his/her free act and deed this day of
State/Commonwealth  of County of Then personally appeare executed the foregoing in	d before me the above-named <b>Lev T. Perelman</b> and acknowledged that he/shenstrument as his/her free act and deed this day of

Inventor's Signature:	Ramachoude A Dolar'	
	Ramachandra R. Dasari	
State/Commonwealth		
of	Massachusetts	
County of	middlesex	
Then personally appear that he/she executed the	red before me the above-named <b>Ramachandr</b> e foregoing instrument as his/her free act and o, 20/	a R. Dasari and acknowledged deed this day of
(SEAL)	Sulta Sheyfan	Notary Public
	My Commission expires/_	IDITH KISHEYTANIAN NOTARY PUBLIC COMMISSION EXPIRES MAY 12, 2006
Inventor's Signature:	Michael S. Feld	
State/Commonwealth		
of Massach	roetls	
County of Mid	Waxex	
executed the foregoing	red before me the above-named <b>Michael S. Fe</b> instrument as his/her free act and deed this, 20/	ld and acknowledged that he/she
(SEAL)	Jelith Theyland	Notary Public
	My Commission expires NOTARY	MEYTANIAN Y PUBLIC
	MY COMMISS	SION EXPIRES 2, 2006

Docket No.: 301505.2004-001 (Prior Docket No.: 0050.2004-001)

## **ASSIGNMENT**

WHEREAS, we, Changhuei Yang, Adam P. Wax, Lev T. Perelman, Ramachandra R. Dasari, and Michael S. Feld, have invented a certain improvement in Methods and Systems Using Field-Based Light Scattering Spectroscopy, described in an application for Letters Patent of the United States, the specification of which:

[]	is being executed on even date herewith and is Patent Office;	about to be filed in the	e United Sta	ates
[X]	was filed on April 27, 2001 as Application No.	09/844,286		
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WHEREAS, Massachusetts Institute of Technology (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors. assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made: we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

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Inventor's Signature:	Changhuei Yang	
State/Commonwealth		
of		
County of		
	d before me the above-named <b>Changhuei</b> going instrument as his/her free act and dec	
(SEAL)		Notary Public
		(print name)
	My Commission expires/	

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set

forth below.

Inventor's Signature:		
-	Adam P. Wax	
State/Commonwealth		
of		
Then personally appeare executed the foregoing i	instrument as his/her free act and de	m P. Wax and acknowledged that he/she eed this day of
(SEAL)		Notary Public
	My Commission expires	(print name)
Inventor's Signature:	Les Pereken Lev T. Perelman	
State/Commonwealth of <u>Scrokle</u> County of <u>Mary</u>	re, MA Julla	
executed the foregoing i	ed before me the above-named Lev nstrument as his/her free act and de, 20	T. Perelman and acknowledged that he/she ed this day of
(SEAL)	Marian A. Barb My Commission expires	Notary Public  OF (print name)

Inventor's Signature:	
-	Ramachandra R. Dasari
State/Commonwealth	
of	
County of	
	red before me the above-named <b>Ramachandra R. Dasari</b> and acknowledged e foregoing instrument as his/her free act and deed this day of, 20
(SEAL)	Notary Public
	My Commission expires//
Inventor's Signature:	Michael S. Feld
State/Commonwealth	
of	
County of  Then personally appear	red before me the above-named <b>Michael S. Feld</b> and acknowledged that he/she instrument as his/her free act and deed this day of
County of  Then personally appear executed the foregoing	red before me the above-named <b>Michael S. Feld</b> and acknowledged that he/she instrument as his/her free act and deed this day of

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**RECORDED: 04/08/2003**