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Attorney Docket Number: 00786/263004

Cubblitute / Offir /	0 1000	Attorney Booker Humber: 00700/200004
	Certificate of Mailing: Date of Deposit	Dotalus 28, 2002
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Tracey Simmons Printed Name	·	Signature of Person Mailing Correspondence
	DECORDATION FOR	M COVED CHEET

## RECORDATION FORM COVER SHEET **PATENTS ONLY**

Please record the attached document.	
Names of all conveying parties:	2. Names and addresses of all receiving parties:
Frederick M. Ausubel, Stephen B. Calderwood,	
Eleftherios Mylonakis, Andrew Diener, Julia	The General Hospital Corporation
Plotnikova, Costi D. Sifri, Laurence G. Rahme,	55 Fruit Street
Man-Wah Tan, Gary B. Ruvkun, Georg Jander,	Boston, MA 02114
and Jacqueline Heard	{
Additional names attached: NO	Additional names/addresses attached: NO
3. Nature of conveyance:  [X] Assignment  [ ] Merger  [ ] Security Agreement  [ ] Change of Name  [ ] Other:  Execution Date: July 31, 2002, July 25, 2002, July 24, 2002, September 3, 2002, September 3, 2002,	101 058 1.38 8.4 3.5 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6
August 2, 2002, July 25, 2002, July 24, 2002, October 3, 2002, September 30, 2002, and August 16, 2002, respectively.	£ w {
4. Application numbers or patent numbers:	
A. Patent Application Numbers: 08/411,560, 08/852,927, 08/962,750, 10/153,754	B. Patent Numbers:
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 4 7. Total fee (37 C.F.R. § 3.41):\$160.00
James D. DeCamp, Ph.D., REG. NO. 43,580 Clark & Elbing LLP	[X] Fee enclosed [ ] Authorized to charge deposit account
101 Federal Street	8. Deposit account number: 03-2095. If the fee
Boston, MA 02110	above is being charged to deposit account, a
Customer No.: 21559	duplicate copy of this cover sheet is attached.
	Please apply any additional charges, or any
·	credits, to Deposit Account No. 03-2095.
UFILER 00000181 08411560 \ DO NOT USE	THIS SPACE

11/06/2002 LH

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

James D. DeCamp, Ph.D. Name of person signing

Signature



PATENT TRADEMARK OFFICE

**PATENT** 

REEL: 013453 FRAME: 0365

## **ASSIGNMENT**

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Frederick M. Ausubel	Newton	MA
Stephen B. Calderwood	Wellesley	MA
Eleftherios Mylonakis	Boston	MA
Andrew Diener	Cambridge	MA
Julia Plotnikova	Quincy	MA
Costi D. Sifri	Quincy	МА
Laurence G. Rahme	Brookline	MA
Man-Wah Tan	Somerville	МА
Gary B. Ruvkun	Newton	МА
Georg Jander	Cambridge	МА
Jacqueline Heard	San Ramon	CA

## hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
The General Hospital Corporation	Massachusetts	55 Fruit Street Boston, MA 02114

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
METHODS OF SCREENING COMPOUNDS USEFUL FOR PREVENTION OF INFECTION OR PATHOGENICITY	March 28, 1995	08/411,560
METHODS OF SCREENING COMPOUNDS USEFUL FOR PREVENTION OF INFECTION OR PATHOGENICITY	May 8, 1997	08/852,927

Page 1 of 8

METHODS OF SCREENING COMPOUNDS USEFUL FOR PREVENTION OF INFECTION OR PATHOGENICITY	November 3, 1997	08/962,750
METHODS OF SCREENING COMPOUNDS USEFUL FOR PREVENTION OF INFECTION OR PATHOGENICITY	May 22, 2002	10/153,754

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

In WITNESS WHEREOF, I here	to set my hand and seal at <u>Dosdon</u>	1 <i>A</i>
this 31 day of Joly	, 2002.	
- M ( A	a 0,0 -	
Frederick M. Ausubel		L.S.
rrederick M. Ausubei		
STATE OF Massachusetts		
	.00	
COUNTY OF SOLALK	:	
Before me this 3/ day of _	1 2002, personally ap	peared FREDERICK M. AUSUBEL
	n whose name is subscribed to the forego	
that he/she executed the sar	ne as his/her free act and deed for the pu	rposes therein contained.
	Matta K. Conant Notary Public	
	Notary Public	
,		
The second Constitution	My Commission Expires: //・/ろ・の	3
[Notary's Seal Here]		
In WITNESS WHEREOF, I here	to set my hand and seal at	
this day of	, 2002.	
Stanban B. Caldanyood		L.S.
Stephen B. Calderwood		
STATE OF	•	
	 :SS.	
COUNTY OF	;	
	, 2002, personally ap	
	e to be the person whose name is subscr	
contained.	ne executed the same as his/her free act	and deed for the purposes therein
Contained.		
	Notary Public	
[Notary's Seal Here]	My Commission Expires:	
UNDIALVS DEAL DELEI		

	eto set my hand and seal at	
this day of	, 2002.	
		L.S.
Frederick M. Ausubel		
STATE OF	:	
County of	:SS.	
	<del></del> '	
Before me this day of	, 2002, personally appeared FREDE	RICK M. AUSUBEL
known to me to be the perso	on whose name is subscribed to the foregoing Assignmen	nt, and acknowledged
that he/she executed the sai	me as his/her free act and deed for the purposes therein	contained.
	Notary Public	
	My Commission Expires:	
[Notary's Seal Here]		
In WITNESS WHEREOF, I here	eto set my hand and seal at <u>Bosto in M.A.</u>	
this 25 day of	, 2002.	
	Colderwood	L.S.
Stephen B. Calderwood		
STATE OF MA	<del>:</del>	
COUNTY OF SWYOUK	:ss.	
COUNT OF COCYC TIL	<del>.</del>	
Before me this $\frac{25}{}$ day of	2002 personally appeared STERL	IEN D
CALDERWOOD known to m	ne to be the person whose name is subscribed to the fore	going Assignment,
and acknowledged that he/s contained.	the executed the same as his/her free act and deed for th	e purposes therein
contanieu.		
	$\mathcal{L}_{\mathcal{L}}$	
	Linda a Dulla	
	Notary Public	
	My Commission Expires: 3-31-0	
[Notary's Seal Here]		

In WITNESS WHEREOF, I her this 24 day of 2	<i>)~</i> 2002	·	,
Monah	`	•	L.S.
STATE OF MA.	:		
COUNTY OF Suppolk	: <b>ss</b> . :		
MYLONAKIS known to me	to be the person whose i	, 2002, personally appeared name is subscribed to the foregoing s/her free act and deed for the pu	ng Assignment, and
		Bulla	
[Notary's Seal Here]	My Commission Ex	xpires: 3/31/06	
In WITNESS WHEREOF, I her			
this day of	, 2002		
Andrew Diener			L.S.
Andrew Dienei			
STATE OF			
COUNTY OF	:ss. :		
known to me to be the pers	on whose name is subs	, 2002, personally appeared cribed to the foregoing Assignment and deed for the purposes therein	nt, and acknowledged
	Notary Public		
[Notary's Seal Here]	My Commission E	xpires:	

	set my hand and seal at,
this day of	, 2002.
Eleftheries Mulenskie	L.S.
Eleftherios Mylonakis	
STATE OF	
COUNTY OF	_: _:
MYLONAKIS known to me to b	ey of, 2002, personally appeared ELEFTHERIOS e the person whose name is subscribed to the foregoing Assignment, and cuted the same as his/her free act and deed for the purposes therein
	Notary Public
[Notary's Seal Here]	My Commission Expires:
IN WITNESS WHEREOF, I hereto this 3 day of September .	set my hand and seal at Boston, 17A, 2002.  L.S.
STATE OF <u>Massachusette</u> COUNTY OF <u>SUFFOLK</u>	_: :ss. _:
known to me to be the person v	ay of September, 2002, personally appeared ANDREW DIENER whose name is subscribed to the foregoing Assignment, and acknowledged as his/her free act and deed for the purposes therein contained.
	Notary Public
[Notary's Seai Here]	My Commission Expires: //~/3~03

this 3 day of Santemb	eto set my hand and seal at <u>boston</u> , mA	<b></b> •
Plotukova	L.s.	
Julia Plotnikova	L.S.	
STATE OF Massachusetts	;	
COUNTY OF SUHOLK	:ss.	
<u> </u>	·	
PLOTNIKOVA known to me	day of <u>September</u> , 2002, personally appeared JULIA e to be the person whose name is subscribed to the foregoing Assignment, executed the same as his/her free act and deed for the purposes therein	and
	Motary Public	
	My Commission Expires: // 1/3 10 €	
[Notary's Seal Here]	my commission Expires.	
In WITNESS WHEREOF, I her	eto set my hand and seal at	,
this day of	, 2002.	
Costi D. Sifri	L.S.	
STATE OF	:ss.	
COUNTY OF	:	
known to me to be the pers	day of, 2002, personally appeared COSTI D. SIFRI con whose name is subscribed to the foregoing Assignment, and acknowled ame as his/her free act and deed for the purposes therein contained.	lged
	Notary Public	
	My Commission Expires:	
[Notary's Seal Here]	My Commission Expires.	
	Page 5 of 8	
nat ne/she executed the sa	me as his/her free act and deed for the purposes therein contained.	jed
	Notary Public	
	My Commission Evaluate 14 - 13/4/13	

[Notary's Seal Here]

PATENT REEL: 013453 FRAME: 0372

	eto set my hand and seal at	1
this day of	, 2002.	
		L.S.
Julia Plotnikova		
STATE OF	:	
	:ss.	
COUNTY OF	:	
Before me this	_ day of, 2002, persona	lly appeared JULIA
PLOTNIKOVA known to me	to be the person whose name is subscribed executed the same as his/her free act and dee	to the foregoing Assignment, and
	Notary Public	_
[Notary's Seal Here]	My Commission Expires:	
In Witness Whereof, I her this <u>2</u> day of <u>August</u> (~+ D Costi D. Sifri	eto set my hand and seal at <u>Poston</u> , <u>FIA</u> , 2002.	
Costi D. Sifri		L.3.
STATE OF Massachus etter COUNTY OF Sithelk	<u> </u>	
known to me to be the pers	_ day of August, 2002, persona on whose name is subscribed to the foregoing me as his/her free act and deed for the purpo	Assignment, and acknowledged
	Dnattak lenert Notary Public	_
[Notary's Seal Here]	My Commission Expires: 11-13-03	,

In WITNESS WHEREOF, I hereto this 25 day of7/25	set my hand and seal at <u>Doston</u> , <u>mA</u> , 2002.
uns 25 day of	
Laurence G. Rahme	L.S.
_	
STATE OF Massachusetts	: :ss.
COUNTY OF SUFFOLK	: :
RAHME known to me to be the	ay of, 2002, personally appeared LAURENCE G. e person whose name is subscribed to the foregoing Assignment, and cuted the same as his/her free act and deed for the purposes therein
	matta & Conent Notary Public
	Notary Public
[Notary's Seal Here]	My Commission Expires: 17 -13 -0.3
In Witness Whereof, I hereto this day of	set my hand and seal at,
Man-Wah Tan	
STATE OF	:
	:ss.
COUNTY OF	<del></del> :
	lay of, 2002, personally appeared MAN-WAH TAN whose name is subscribed to the foregoing Assignment, and acknowledged e as his/her free act and deed for the purposes therein contained.
	Notary Public
[Notary's Seal Here]	My Commission Expires:

Page 6 of 8

	o set my hand and seal at	
this day of	, 2002.	
Laurence G. Rahme		L.S.
STATE OF	: :ss.	
COUNTY OF	:	
RAHME known to me to be the	day of, 2002, personally a ne person whose name is subscribed to the fore ecuted the same as his/her free act and deed for	egoing Assignment, and
	Notary Public	
[Notary's Seal Here]	My Commission Expires:	
In WITNESS WHEREOF, I heret	U Set my hand and Sear at	-то,
		L.S.
Man-Wah Tan		L.G.
STATE OF California	;	
COUNTY OF Santa Clar	:ss. 2_:	
Before me this 24 known to me to be the person that he (she executed the san	day of JUIU , 2002, personally an whose name is subscribed to the foregoing American as his/ber free act and deed for the purposes	ssignment, and acknowledged
that he/size executed the san	ie as misjuer nee act and deed for the purposes	s trierein contained.
PATRICIA LUCATERO Commission # 1311356 Notary Public - California	Talrica Rucateri Notary Public	
Santa Clara County  My Comm. Expires Jun 30, 2005	My Commission Expires: June 30/	1.00E
[Notary's Seal Here]	My Commission Expires: W C 301	$\nu\omega$

Page 6 of 8

In WITNESS WHEREOF, I here	to set my hand and seal at Boson, The
this 3 day of 16cto be	, 2002.
$\mathcal{M}$ . $\mathcal{C}$	3//
	L.S.
Gary B. Ruvkun	n I
STATE OF MASSAchu	setts
STATE OF 11003 3000	$\frac{1}{2}$ :ss.
STATE OF Massachu COUNTY OF Suffall	K
	<del></del> '
ر.	6) 4 1.5
	day of October, 2002, personally appeared GARY B. RUVKUN
	n whose name is subscribed to the foregoing Assignment, and acknowledge
that he/she executed the sar	ne as his/her free act and deed for the purposes therein contained.
	Tratta K Count
	Notary Public
	My Commission Expires: ///ເ3/ບລ
[Notary's Seal Here]	,
In Witness Whereof, I here	to set my hand and seal at
this day of	, 2002.
	L.S.
Georg Jander	
STATE OF	
STATE OF	 :ss.
COUNTY OF	:
Before me this	day of, 2002, personally appeared GEORG JANDER
	n whose name is subscribed to the foregoing Assignment, and acknowledge
that he/she executed the san	ne as his/her free act and deed for the purposes therein contained.
	Notary Public
	My Commission Expires:
Notary's Seal Here]	

I WITNESS WHEREOF, I her lis day of	eto set my hand and seal at . 2002.	,
		L.S.
ary B. Ruvkun		L.U.
TATE OF	:	
OUNTY OF	: <b>ss</b> . :	
lown to me to be the pers	day of, 2002, personally appeared Goon whose name is subscribed to the foregoing Assignment, ame as his/her free act and deed for the purposes therein co	and acknowledged
	Notary Public	
Notary's Seal Here]	My Commission Expires:	
	reto set my hand and seal at ? ```	
is <u>40</u> day orS	prense_, 2002.	
eorg Jander	The ty for	L.S.
TATE OF New Yor	-V .	
OUNTY OF TOMPK	:ss.	
nown to me to be the pers	day of <u>September</u> , 2002, personally appeared 0 son whose name is subscribed to the foregoing Assignment, ame as his/her free act and deed for the purposes therein co	and acknowledged
	Notary Public No	
Notary's Seal Here]	My Commission Expires: 11)02/2005	

NANCY N. RAY
Notary Public, State of New York
No. 01RA4910879
Qualified in Chemung County
My Commission Expires Nov. 2,

Page 7 of 8

IN WITNESS WHEREOF, I hereto s	et my hand and seal at _	Howward	CiA
this 16 day of Argus	, 2002.	9	
Lexes Que	He-9		L.S.
Jacqueline Heard			
STATE OF CALIFORNIA			
COUNTY OF ALAMEDA	:SS. _:		
th	<b>~</b> 1		
Before me this 6 day HEARD known to me to be the packnowledged that he she exec contained.	person whose name is su	, 2002, personally appea bscribed to the foregoing free act and deed for the	Assignment, and
	Sharat Blan Notary Public  My Commission Expires	tte :: Nov 8, 2005	-
[Notary's Seal Here]	Wy Commission Expired	•	
	Alameda	n # 1326443	

**RECORDED: 10/28/2002**