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FORM PTO-1595 (Rev. 6-93)	859317 -	U.S. DEPARTMENT OF COMMERCE ET Patent and Trademark Office			
To the Honorable Asst. Commissioner for Patents. Ple		iginal documents or copy thereof.			
Name of conveying party(ies):     Nicholas L. Abbott		ress of receiving party(ies):  The Regents of the University of California			
Additional name(s) of conveying party(ies) attached? X Yes	Internal Address:	10-13-98			
	Street Address:	1111 Franklin Street, 12th Floor			
3. Nature of conveyance:		State: CA ZIP: 94607-5200			
Execution Date: 09/09/98; 09/14/98; 09/15/98; 09/17/98; and 09/18/98	Additional name(s	a) & address(es) attached? Yes x No			
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) 09/127,382 B. Patent No.(s)					
Additional numbers attached? Yes x No					
Name and address of party to whom correspondent concerning document should be mailed:	ce 6. Total number	of applications and patents involved: 1			
Name: Jeffry S. Mann		7. Total fee (37 CFR 3.41): \$ 40.00			
TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor	Enclosed	Enclosed X Charge Fees to Deposit Account			
TownSend and TownS	during the	Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account			
	8. Deposit accou	nt number: 20-1430			
DO NOT USE THIS SPACE					
Statement and signature.		27382			
To the best of my knowledge and belief the fores	oing information is true an				
Jeffry S. Mann Name of Person Signing Signature Date					
Atty. Reg. No. 42,837 Total number of pages including cover sheet, attachments, and documents: 3					
10. Change Correspondence Address to that of Part 5? Yes X No					
OMB No. 0651-0011 (exp. 4/94)					
Mail documents to be recorded with required cover sheet information to:  Asst. Commissioner for Patents Box Assignments Washington, D.C. 20231					
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Recordation Form Cover Sheet
Patents Only
Page 2

 Additional name(s) of conveying party(ies): (Continued from Page 1)

Justin J. Skaife Vinay K. Gupta Timothy B. Dubrovsky Rahul Shah

- 2. Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- 4. Additional application number(s) or patent number(s): (Continued from Page 1)
  - A. Patent Application No.(s)

B. Patent No.(s)

PATENT REEL: 9521 FRAME: 0375

## **ASSIGNMENT**

		Case	NI.	00	$\sim$	7 7
u	,. U.	Case	INO.	30.	-20	1-2

M:UCASSIGN.MRG 5/98

**RECORDED: 10/13/1998** 

O.C. Case No. <u>30-207-2</u>					
For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),					
1. Nicholas L. Abbott	2. Justin J. Skaife				
3. Vinay K, Gupta	4. Timothy B. Dubrovsky				
5. Rahul Shah	_				
hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:					
OPTICAL AMPLIFICATION OF MOLECULAR INTERA	ACTIONS USING LIQUID CRYSTALS				
and which is found in					
(a) U.S. provisional application filed herewith and listing the above-named persons as inventors					
(b) U.S. patent application filed herewith	n and listing the above-named persons as inventors				
(c) X U.S. application serial no. <u>09/127,38</u>	32 , filed on <u>July 31, 1998</u>				
(d) U.S. Patent No.: , issued					
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;					
ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;					
ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.					
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.					
executed this	Signature of Inventor(s)				
9 day of <u>SEPT</u> , 19 <u><b>9</b></u> 8	Meabhow.				
14 day of SEPT, 1998	mall & Gupta				
$\sqrt{5}$ day of <u>SEDT</u> , 19 <u>9</u> 8	Thinon				
17 day of SEPT , 1998	(Valypomeshow				
18 day of 500+ , 1978	Gally Plan				

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(UC Revised: 2/26/97)