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To the Honorable Commission	er of Pa 10157410	record are attached original	ginal documents or copy thereof.	
1. Name of conveying party(ies):		2. Name and address o	f receiving party(ies):	
<ol> <li>Michelle A. J. PALMER</li> <li>Melissa GEE</li> <li>Bonnie TILLOTSON</li> </ol>	12.22.00	Name: TROPIX, Address: 47 Wiggin		
4) Xiao-Jia CHANG			Massachusetts (2730	
Additional name(s) of conveying party(ies) attached? □Yes ■No				
3. Nature of Conveyance:			DEC 2 2 2000 4	
■ Assignment □ Security Agreement □ Other	□ Merger □ Change of Name	Additional Control of the Appendix of the Appe		
	1) 11/13/00 2) 11/09/00	Additional name(s) and	l address(es) attached? □Yes ■No	
	3) 11/10/00			
Execution Date:	4) 11/09/00			
4. Application number(s) or pa	tent number(s):			
If this document is being filed	together with a new application, the	execution date of the app	olication is:	
A. Patent Application No.(s) 09/654,499		B. Patent No.(s)		
	Additional numbers atta	ched? □Yes ■No		
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total applications and patents involved: 1		
Supervisor, Patent Prosecution Services PIPER MARBURY RUDNICK & WOLFE LLP 1200 Nineteenth Street, N.W. Washington, D.C. 20036-2412 Telephone No. (202) 861-3900 Facsimile No. (202) 223-2085		7. Total fee (37 CFR 3.  ■ Enclosed □ Authorized	41): \$40.00 to be charged to deposit account	
		8. Deposit account nun (Attach duplicate copy of thi	nber: 50-1442 s page if paying by deposit account)	
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9. Statement and signature  To the best of my knowledge			nd any attached copy is a true copy	
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Laura A. Donnell	Name of	Signature	Date	
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Washington, D.C. 20231

**PATENT REEL: 011389 FRAME: 0174**  Docket No.: 4085-226-27 Page 1 of 2

## **Assignment of Application**

WHEREAS	S, I (we),			
Michelle A.J. PALMER, 87 Medford Street, Arlington, MA 02174;				
Melissa GEE, XXX	<b>XOTTA STREET, CHARDON, MAXXIXXXX</b> 17 Crescent Avenue, Bedford, M	A 01730; M		
Bonnie TILLOTSON, 4 Ripley Road, Belmont, MA 02178; and				
Xiao-Jia CHANG, 25 Round Hill Road, Lincoln, MA 01773.				
		_		
		_		
		_		
		_		
	, respectively,			
have invented cert	tain new and useful improvements in:	_		
RECEPTOR FUNCTION ASSAY FOR G-PROTEIN COUPLED RECEPTORS AND ORPHAN RECEPTORS BY REPORTER ENZYME MUTANT COMPLEMENTATION				
for which an appli	ication for Letters Patent was executed on	_		
(Application No.	09/654,499 , Filed September 1, 2000 ); and			
· · · · ·		_		
(hereinafter referred to as "ASSIGNEE"), having a place of business at:  47 Wiggins Avenue				
	Bedford, Massachusetts 01730	<del></del>		
	1.4 - entire right	nt		

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

PATENT REEL: 011389 FRAME: 0175 I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, 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 me (us) had this Assignment and sale not been made.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Piper Marbury Rudnick & Wolfe LLP, Attorneys at Law, 1200 Nineteenth Street, N.W., Washington, D.C. 20036-2412, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	Date: 11113/00	Mahillegar
Date:		(Signature of Inventor) Michelle A.J. PALMER
Date:	Date: 11/4/20	yolin of Star
Date:	Date.	(Signature of Inventor) Modissa GEE
Date:	4 kalos	Bonn Tille
Date:(Signature of Inventor)  Date:(Signature of Inventor)	Date:	(Signature of Inventor) Bonnie TILLOTSON
Date:(Signature of Inventor)  Date:(Signature of Inventor)	11/9/01	Topa Co
Date:(Signature of Inventor)  Date:(Signature of Inventor)	Date:	(Signature of Inventor) Xiao-Jia CHANG
(Signature of Inventor)  Date: (Signature of Inventor)		
(Signature of Inventor)	Date:	(Signature of Inventor)
(Signature of Inventor)		
	Date:	(Signature of Inventor)
Date: (Signature of Inventor)	Date:	(Signature of Inventor)

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RECORDED: 12/22/2000 REEL: 011389 FRAME: 0176