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1. Name of conveying party(ies) a) Frantis P. Tally b) Janshi Tao c) Philip A. Wendler d) Gene Comelly c) Paul L. Gallant D. Naoys Shen Additional name(s) of conveying party(ies) attached? [] Yes   X   No  3. Nature of conveyance:  [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other  Execution Date: a) 8/18/99; b) 8/99; c) 8/99; d) 5/699; d) 8/11/99; f) 8/12/99; g) 8/11/99  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) (9/344, 78.3)  Additional number of applications and patents involved: [1]  Street Address:  Additional number of applications and patents involved: [1]  To Total Fee (37 C.F.R. 3.41)	101	
Street Address: 24 Emily Street  [X] Assignment	Name of conveying party(ies)     a) Francis P. Tally g) Jiansu Zhang     b) Jianshi Tao     c) Philip A. Wendler     d) Gene Connelly     e) Paul L. Gallant     f) Xiaoyu Shen	Name and address of receiving party(ies)  Name: Cubist Pharmaceuticals, Inc.
[X] Assignment [] Merger [] Security Agreement [] Change of Name   City: Cambridge   State: MA   ZIP: 02139    [Additional name(s) & 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)   B. Patent No.(s)    O9/344,783   Additional numbers attached?   [] Yes [X] No    5. Name and address of party to whom correspondence concerning document should be mailed:   7. Total Fee (37 C.F.R. 3.41)		Court Address 24 English Street
[ ] Other   Execution Date: a) 8/18/99; b) 8/9/95; c) 8/9/99; d) 8/6/99; e) 8/11/99  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)		Street Address: 24 Emily Street
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If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  09/344,783  Additional numbers attached? [] Yes [X] No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: David E. Brook, Esq.  Internal Address:  Hamilton, Brook, Smith & Reynolds, P.C.  [X] Enclosed  [X] Authorized to charge any deficiencies or credit any overpayment to deposit account  [] Authorized to be charged to deposit account  [] Seposit account number:  08-0380  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Carol A. Egner  Carol A. Egner  Carol A. Egner  Name of Person Signing  Signature  Signature  Signature  Outhory  Date	Execution Date: a) 8/18/99; b) 8/9/99; c) 8/9/99; d) 8/6/99; e) 8/11/99; f) 8/12/99; g) 8/11/99	Additional name(s) & address(es) attached? [ ] Yes [X] No
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: David E. Brook, Esq.  7. Total Fee (37 C.F.R. 3.41)	A. Patent Application No.(s) 09/344,783	B. Patent No.(s)
City: Lexington State: MA ZIP: 02421-4799  Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document  Carol A. Egner Lawl & Date  To the David E. Brook, Esq.  7. Total Fee (37 C.F.R. 3.41)		
Internal Address:    Hamilton, Brook, Smith & Reynolds, P.C.   [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account		
Hamilton, Brook, Smith & Reynolds, P.C.   [X] Authorized to charge any deficiencies or credit any overpayment to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to charge any deficiencies or credit any overpayment to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to be charged to deposit account   [ ] Authorized to charge any deficiencies or credit any overpayment to deposit account   [ ] Authorized to charge any deficiencies or credit any overpayment to deposit account   [ ] Authorized to charge any deficiencies or credit any overpayment to deposit account   [ ] Authorized to be charged to deposit account   [ ] Aut	Name: David E. Brook, Esq.	7. Total Fee (37 C.F.R. 3.41) \$ 40.00
City: Lexington State: MA ZIP: 02421-4799 (Attach duplicate copy of this page if paying by deposit account)  **DO NOT USE THIS SPACE**  9. Statement and signature.  **To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document**  **Carol A. Egner***  Carol A. Egner**    Carol A. Egner**   Carol A. Egner**   Name of Person Signing**   Signature**   Date   Carol A. Egner**   Carol		[X] Authorized to charge any deficiencies or credit any overpayment to deposit account
City: Lexington State: MA ZIP: 02421-4799 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Carol A. Egner Level A. Long October 29, 1999  Name of Person Signing Signature  To the dest of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	Street Address: Two Militia Drive	8. Deposit account number:
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Name of Person Signing Signature Date	To the best of my knowledge and belief, the foregoing informat	tion is true and correct and any attached copy is a true copy of the original
Name of Person Signing Signature Date		wh a. Egner October 29, 1999
Total number of pages including cover sheet, attachments, and document: [6]	Name of Person Signing	Signat fre Date
	Total number of pages including co	over sheet, attachments, and document: [6]

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## ASSIGNMENT

WHEREAS, we, Francis P. Tally, Jianshi Tao, Philip A. Wendler, Gene Connelly, Paul L. Gallant, Xiaoyu Shen, and Jiansu Zhang, have invented a certain improvement in Method for Identifying Validated Target and Assay Combinations for Drug Development described in an application for Letters Patent of the United States, the specification of which:

[]	is being executed on even date herewith and is about to be filed in the United States Patent Office;
[ X ]	was filed on <u>June 25, 1999</u> as Application No. <u>09/344,783</u> ;
[]	was patented under U.S. Patent Noon

WHEREAS, Cubist Pharmaceuticals, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 24 Emily Street, Cambridge, MA 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;

PATENT REEL: 010346 FRAME: 0867 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.

My Commission expires

PATENT REEL: 010346 FRAME: 0868

SHELLEY L. MISUNAS
Notary Public
My Commission Expires April 10, 2003

Inventor's Signature:	Jianshi Tao	, ,
State/Commonwealth	Jianshi Tao	
of liagnormeette		
County of Middles	l k	
	d before me the above-named Jianshi Tao and acknowledged that he instrument as his free act and deed this day of day of SHELLEY, L. MISUNAS (print name) Notary Public My Commission Expires April 10, 200	)3
	My Commission expires/	
Inventor's Signature:	Plia Dila	
	Philip A. Wendler	
State/Commonwealth	Philip A. Wendler	
State/Commonwealth  of Mayanana Holding  County of Middless  Then personally appeare		
State/Commonwealth  of Mayanana HS  County of Widdless  Then personally appeare that he executed the fore	d before me the above-named Philip A. Wendler and acknowledged going instrument as his free act and deed this day of	

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PATENT REEL: 010346 FRAME: 0869

Inventor's Signature:	Gene Connelly
State/Commonwealth	Gene Conneny
of Massachus	$\mathcal{H}_{S}$
County of Midd	
he executed the forego	red before me the above-named Gene Connelly and acknowledged that ing instrument as his free act and deed this day of day of Notary Public Notary Public (print name) SHELLEY L. MISUNAS Notary Public My Commission Expires April 10, 2003
Inventor's Signature:	Paul L. Gallant
State/Commonwealth	
of Macibachuse	
County of <u>Middle</u>	<u>Cl X</u>
he executed the forego	red before me the above-named <b>Paul L. Gallant</b> and acknowledged that ng instrument as his free act and deed this day of, 19
(SEAL)	Chille & Muruna Notary Public
	(print name) SHELLEY L. MISUNAS
	My Commission expires / / My Commission Expires April 10, 2002

PATENT REEL: 010346 FRAME: 0870

Inventor's Signature: Xiaoyu Shen
State/Commonwealth   **The state of the stat
of Missadusetts
County of <u>Middle Gex</u>
Then personally appeared before me the above-named Xiaoyu Shen and acknowledged that he executed the foregoing instrument as his free act and deed this
Inventor's Signature: Zown Zhang
Jiansu Zhang
State/Commonwealth
Jiansu Zhang
State/Commonwealth

**RECORDED: 11/01/1999** 

PATENT REEL: 010346 FRAME: 0871