Form PTO-1595 (Rev. 08:05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FOR	
PATENTS	ONLY
To the Director of the U.S. Patent and Trademark Office: Please	ecord the attached documents or the new address(es) below.
1. Name of conveying party(ies):	Name and address of receiving party(ies)
Kevin D. Shenk (07/31/2007), Francesco Parlati	Name: Proteolix, Inc.
(08/01/2007), Han-Jie Zhou (07/31/2007), Catherine Sylvain (08/06/2007),	Internal Address:
Additional name(s) of conveying party(ies) attached? X Yes No	Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): in parentheses after inventor name	230 East Grand Avenue, Suite A
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: South San Francisco
Government Interest Assignment	State: California
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 94080
	Additional name(s) & address(es) Yes X No
Other	attached?
4. Application or patent number(s):	his document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
11/820,490	
Additional numbers attached?	Yes XNo
5. Name and address to whom correspondence	6. Total number of applications and 1
concerning document should be mailed:	patents involved:
Name: Matthew P. Vincent, J.D., Ph.D. FISH & NEAVE IP GROUP, ROPES & GRAY	
	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: PRTX-P01-019	Authorized to be charged by credit card
Street Address: One International Place	X Authorized to be charged to deposit account
	Literood
1	Line required (reversmont interest not affecting title)
	None required (government interest not affecting title)
City: Boston	None required (government interest not affecting title) 8. Payment Information
City: Boston State: MA Zip:02110	A. Payment Information a. Credit Card Last 4 Numbers
State: MA Zip: 02110 Phone Number: (617) 951-7739	A. Payment Information a. Credit Card Last 4 Numbers Expiration Date
State: MA Zip: 02110 Phone Number: (617) 951-7739 Fax Number: (617) 951-7050	A. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-1945
State: MA Zip: 02110 Phone Number: (617) 951-7739 (647) 0514 7050	A. Payment Information a. Credit Card Last 4 Numbers Expiration Date
State: MA Zip: 02110 Phone Number: (617) 951-7739 951-7739 Fax Number: (617) 951-7050 951-7050	B. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-1945 Authorized User Name Matthew P. Vincent, J.D., Ph.D.
State: MA Zip: 02110 Phone Number: (617) 951-7739 951-7739 Fax Number: (617) 951-7050 951-7050 Email Address: MVincent@ropesgray.com 9. Signature: MA MA	8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-1945 Authorized User Name Matthew P. Vincent, J.D., Ph.D. August 17, 2007
State: MA Zip: 02110 Phone Number: (617) 951-7739 951-7739 Fax Number: (617) 951-7050 951-7050 Email Address: MVincent@ropesgray.com 9. Signature:	B. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-1945 Authorized User Name Matthew P. Vincent, J.D., Ph.D. August 17, 2007 Date
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State: MA Zip: 02110 Phone Number: (617) 951-7739 Fax Number: (617) 951-7050 Email Address: MVincent@ropesgray.com 9. Signature:	B. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-1945 Authorized User Name Matthew P. Vincent, J.D., Ph.D. Authorized User Name Total number of pages including cover Date Total number of pages including cover 10 sheet, attachments, and documents: 10

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RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)				
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):				
Mark S. Smyth (08/0	Mark S. Smyth (08/01/2007), Mark K. Bennett (08/02/2007), and Guy J. Laidig (07/31/2007)			
Additional Assignees (2. Continued):				
Assignee Name:				
Internal Address:				
Street Address:				
City:	State:	Country:	Zip:	
Assignee Name:				
Internal Address:				
Street Address:				
City:	State:	Country:	Zip:	
Assignee Name:				
Internal Address:				
Street Address:				
City:	State:	Country:	Zip:	
Additional Applications and/or Patents (4. Continued):				
Additional Patent Applica 4A. Continued:	tion Numbers	Additional Patent Number 4B. Continued:	S	
	Additional numbers	attached?	No	

Docket No.: PRTX-P01-019

PRTX-P01-019

ASSIGNMENT

WHEREAS, we, Kevin D. Shenk, Francesco Parlati, Han-Jie Zhou, Catherine Sylvain, Mark S. Smyth, Mark K. Bennett and Guy J. Laidig, have invented a certain improvement in COMPOUNDS FOR ENZYME INHIBITION 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 June 19, 2007 as Application No. 11/820,490;
- was patented under U.S. Patent No_____ on ____.

WHEREAS, Proteolix, Inc., (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, having principal offices at 230 East Grand Avenue, Suite A, South San Francisco, California 94080 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, our 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 our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; 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 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, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our 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

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Page 1

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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10620063_1	Page 3	

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Witness <u>(</u> Address	a au Au	Date: 07/31/2007-
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Page 4

ASSIGNMENT

WHEREAS, we, Kevin D. Shenk, Francesco Parlati, Han-Jie Zhou, Catherine Sylvain, Mark S. Smyth, Mark K. Bennett and Guy J. Laidig, have invented a certain improvement in COMPOUNDS FOR ENZYME INHIBITION 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 June 19, 2007 as Application No. 11/820,490;
- [] was patented under U.S. Patent No_____ on _____.

WHEREAS, Proteolix, Inc., (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, having principal offices at 230 East Grand Avenue, Suite A, South San Francisco, California 94080 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, our 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 our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; 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 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, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our 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

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Page 1

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PRTX-P01-019

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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PATENT REEL: 019717 FRAME: 0948

RECORDED: 08/17/2007