FORM PTO-1595 (Modified)

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> **Attorney Docket** No.: 210147-14

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OPR/FINANCE			
To the Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
Name of conveying party(ies): Mehran Khodadoust	Name and address of receiving party(ies): Millennium Pharmaceuticals, Inc.		
Rosana Kapeller-Libermann	75 Sidney Street Cambridge, Massachusetts 02139		
3. Nature of conveyance:			
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other:			
Execution Date: December 9, 1999 and December 23, 1999			
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: n/a		
A. Patent Application No.(s): 09/411,132 (Filed October 1, 1999)	B. Patent No (s)		
Additional numbers attached? [] Yes [] No			
Name and address of party to whom correspondence document should be mailed:	6. Total number of applications and patents involved: [1]		
Kathryn Doyle, Ph.D., J.D.	7. Total fee (37 CFR 3.41) Cal. $\underline{1}$ x \$40.00 = $\underline{$}$ 40.00		
AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P. One Commerce Square - 2005 Market Street - Suite 2200 Philadelphia, PA 19103	[] Enclosed [X] Authorized to be charged to deposit account		
Telephone: (215) 965-1200 Direct Dial: (215) 965-1284 Facsimile: (215) 965-1210 E-Mail: kdoyle@akingump.com	8. Deposit account number: <u>50-1017</u> (210147.0014)		
DO NOT USE THIS SPACE			
9. Statement and signature To the best of my knowledge and belief, the foregoing information is t	rue and correct and any attached copy is a true copy of the original document.		
KATHRYN DOYLE, Ph.D., J.D Name of Person Signing Signature	January 20, 2000 Date Total number of pages including cover sheet, attachments and document: [4]		

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OMB No. 0651-0011 (exp. 4/94)

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PATENT

REEL: 010581 FRAME: 0614

ASSIGNMENT

WHEREAS, we, Mehran Khodadoust, citizen of the United States of America; and Rosana Kapeller-Libermann, citizen of Brazil with respective post office addresses of 106 Sewall Avenue, No. 6, Brookline, MA 02445; 86 Beacon Street, Chestnut Hill, MA 02467, hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

NOVEL HUMAN LIPASE PROTEINS, NUCLEIC ACIDS ENCODING THEM, AND USES OF BOTH OF THESE

for which we have executed a United States patent application, Application No. <u>09/411,132</u> filed <u>October 1, 1999</u>, and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

WHEREAS, Millennium Pharmaceuticals, Inc., a corporation having a place of business at 75 Sidney Street, Cambridge, MA 02139, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof:

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby

PATENT REEL: 010581 FRAME: 0615 covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

(Data)		Mahan Khadadayat	(Cool)
(Date)		Mehran Khodadoust	(Seal)
STATE OF		:	
		: SS.	
COUNTY OF	· · · · · · · · · · · · · · · · · · ·	;	
	• •	and for the State and County aforesaid, or onally appeared Mehran Khodadoust w	<u>-</u>
= =		st executed the foregoing instrument in m	
· · · · · · · · · · · · · · · · · · ·	-	acknowledge the foregoing instrument as	
-	· ·	m for the purpose therein stated and inter	iding to be legally
bound thereby and	intending that said	instrument be recorded.	
	-	40.000	
		Notary Public	
]	My Commission Expires:	
12191	49	Poxua & Worn	<u>llein</u>
(Date)		Rosana Kapeller-Libermann	(Seal)
STATE OF	Massachusetts	:	
	:	SS.	
COUNTY OF	Middlesex	:	
D . 6		and for the State and County aforesaid, or	41: 47 TH C
Before me,	a notary public in a	and for the State and County aforesaid, of lly appeared Rosana Kapeller-Liberma	nn who being to
		g first executed the foregoing instrument	
		, did acknowledge the foregoing instrume	
and act, signed, sea	aled and delivered b	by him for the purpose therein stated and	
legally bound there	eby and intending the	hat said instrument be recorded.	
		Notary Public: Danielle Jeannette Con	nean
		My Commission Expires: October 21, 20	
		,	

-2-

all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS. (Date) (Seal) STATE OF Massachuse 45 : ss.

COUNTY OF Middlesex : Before me, a notary public in and for the State and County aforesaid, on this <u>33</u> day of <u>lecembel</u>, 1999, personally appeared Mehran Khodadoust who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded. Notary Public
My Commission Expires: 6/10/03 Rosana Kapeller-Libermann (Date) (Seal) STATE OF Massachusetts: : SS. **COUNTY OF** Middlesex Before me, a notary public in and for the State and County aforesaid, on this _____day of 1999, personally appeared **Rosana Kapeller-Libermann**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE,

Notary Public: Danielle Jeannette Comeau My Commission Expires: October 21, 2005

-2-

RECORDED: 01/24/2000