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Form PTO-1595 (Modif	ied)		5-2000		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
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To the Honorable C	Commissioner of Patents and Trade	emarks: Pleas	se record the attached	l original do	cuments or copy thereof.	
Roberto F Robert E. Oliver Ke Additional name(s) of conv X Assignm	Goldsmith F. Speck Atchison Eppler Conveying party(ies) attached? YesX Veyance:	<u>X_</u> No	Name: The Internal Address Street Address: F City: San Francis	J. David C : P.O. Box 41	Gladstone Institutes	
Execution Date: 02/07/00; 03/22/00; 03/09/00; 03/06/00			Additional name(s) & address(es) attached? Yes _X_ No			
\	nmbers(s) or patent number(s): nent is being filed together with a n		ion, the execution da	te of the app	lication is:	
A. Patent Application No.(s)			B. Patent No.(s)			
09/470,817						
5. Name and address of party to whom correspondence concerning document should be mailed:		nce 6	6. Total number of applications and patents involved: _ 1_			
Name: Street Address:	Dianna L. DeVore BOZICEVIC, FIELD, & FRANCIS LLP	CIS LLP 7	. Total fee (37 CFR	3.41):	\$40.00	
	200 Middlefield Road, Suite 200 Menlo Park, CA 94025		Enclosed			
			X Authorized to be charged to deposit account			
	Telephone: (650) 327-3400 Facsimile: (650) 327-3231		8. Deposit Account No. 50-0815			
			The Commissioner	r is authorize ment to Dep	ed to charge any underpayment or posit Account No. 50-0815 with	
/03/2000 DHGUYEN 00	000063 500815 09470817	DO NOT US	SE THIS SPACE			
9. Statement and si To the i of the o	best of my knowledge and belief, the riginal document. Reg. No. 28,807		information is true as	nd correct an	nd any attached copy is a true copy Tivne 12000	
Traine of Terson	Organia Signatur	` / ———	/ Total		pages comprising cover sheet _3_	

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PATENT REEL: 010885 FRAME: 0803

Attorney Docket Number GLAD-001 First Named Inventor Mark A. Goldsmith et al. ASSIGNMENT OF APPLICATION (JOINT) Application Number 09/470,817 Filing Date December 23, 1999 Address to: Title Transgenic Rodents and Rodent . . . Box Assignment **Assistant Commissioner for Patents** Group Art Unit To Be Assigned Washington, D.C. 20231

Examiner Name

To Be Assigned

THIS ASSIGNMENT, by Mark A. Goldsmith, Roberto F. Speck, Robert E. Atchison and Oliver Keppler (hereinafter referred to as the assignors), residing at 4227 24th Street, San Francisco, California 94114, Ramistrasse 100, U Rae 38, Zurich CH-8091, Switzerland, 631 O'Farrell Street, #911, San Francisco, California 94109 and 1540 10th Avenue, San Francisco, California 94122 respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in TRANSGENIC RODENTS AND RODENT CELL LINES EXPRESSING HIV CO-RECEPETORS

for which an application for a United States Patent was filed on <u>December 23, 1999</u>, Application No.

for which an application for a United States Patent was executed on ____, and

WHEREAS, The J. David Gladstone Institutes, a non-profit organization, and having its principal place of business at P.O. Box 419100, San Francisco, California 94141-9100 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent abovementioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behoof of said assignee, its successors, legal representatives and assigns.

Date 2/1/00 Name of Inventor Mark A. Goldsmith

Date 27 Man Wrt Name of Inventor Roberto F. Speck

PATENT REEL: 010885 FRAME: 0804 Date 3-9-00 Name of Inventor Robert E. Atchison

Date 3/6/00 Name of Inventor Robert E. Atchison

Oliver Keppler

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PATENT REEL: 010885 FRAME: 0805

RECORDED: 06/05/2000 REI