09-10-1999 /DHHS Ref. No. E-059-96/2 Recorda Department of Commerce (Rev. 6-93) 101141812 ient and Trademark Office To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Fatah Kashanchi Name: THE GOVERNMENT OF THE UNITED STATES OF Mohammad Reza Sadaie AMERICA as represented by the Secretary of the Department of John Brady Health and Human Services Additional name(s) of conveying parties attached?

Yes Internal Address: NATIONAL INSTITUTES OF HEALTH OFFICE OF TECHNOLOGY TRANSFER No. Street Address: 6011 Executive Boulevard, Suite 325 3. Nature of conveyance: City: Rockville State: Maryland ZIP: 20852 \boxtimes Assignment Merger П Additional names and addresses attached? ☐ Yes No \Box Security Agreement Change of Name Other: Execution Date: 7/10/99; 7/6/99; 8/25/99 4. Application Number(s) or Patent Numbers If this document is being filed together with a new application, the execution date of the application is: Patent Application No(s): 09/269,991 Patent No(s): A. Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved 1 concerning document should be mailed: Eugenia Garrett-Wackowski, Esq. 7. Total fee (37 CFR 3.41): ----\$40.00 Name: TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8th Floor □Enclosed □ Charge Fees to Deposit Account San Francisco, California 94111-3834 (415) 576-0200 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account. 8. Deposit account number: 20-1430 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document. Eugenia Garrett-Wackowski 9/2/99 Name of Person Signing ature Date

Atty. Reg. No. 37,330

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10. Change Correspondence Address to that of Part 5? OMB No. 0651-0011 (exp. 4/94)

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Asst. Commissioner for Patents Box: Assignments Washington, D.C. 20231

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Mail documents to be recorded with required cover to:

SAYRE1 09/10/1999

PATENT REEL: 010217 FRAME: 0928

ASSIGNMENT

JOINT

WHEREAS, We, Fatah Kashanchi of 25 Midland Avenue #1, Montclair, New Jersey 07103; Mohammad Reza Sadaie of 20420 Summer Song Lane, Germantown, Maryland 20874; and John Brady of 9205 Centerway Road, Gaithersburg, Maryland 20879, employees of the Department of Health and Human Services at the time the invention was made, have invented (title of invention): INHIBITION OF HIV REPLICATION USING SOLUBLE TAT PEPTIDE ANALOGS, for which an application to the Assistant Commissioner for Patents for grant of Letters Patents of the United States of America has been executed by the undersigned

\boxtimes		is U.S. Patent Application: . 09/269,991
	Filed	; and

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title, and interest in the aforesaid invention described in the aforesaid application for Letters Patent of the United States of America; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign, and transfer unto The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and his successors, the full and exclusive right, title, and interest throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file the invention described in the aforesaid application for Letters Patent of the United States of America, and all Letters Patents and Registrations which may be granted on the same in the United States of America and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

AND, we hereby authorize and request the Assistant Commissioner for Patents to issue said Letters Patent to THE GOVERNMENT as assignee of the entire right, title, and interest in and to the same throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file, for the sole use for the full term or terms for which said Letters Patent and Registrations may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof which may be granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters Patent which will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States of America and foreign countries, and to furnish and deliver to the Secretary, Department of Health and Human Services, upon request, all data and documents, and to execute any papers which may be necessary for the prosecution of any application or applications of Letters Patent or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, and we shall assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

The undersigned hereby grants THE GOVERNMENT or the law firm of Townsend and Townsend and Crew LLP, the power to insert on this Assignment any further identification 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.

IN TESTIMONY WHEREOF, Assign	nors have signed their names on the dates incheated.
Fatah Kashanchi	7-10-99 Date
SIGNATURE WITNESSED BY: (1) Date: $8-9-99$ (2) Date: $8-9-99$	Signature of Witness 1 Transies Santiago, Signature of Witness 2
Mohammad Reza Sadaie	Date
SIGNATURE WITNESSED BY: (1) Date: (2) Date:	Signature of Witness 1 Signature of Witness 2
John Brady	Date
SIGNATURE WITNESSED BY:	
(1) Date:	Signature of Witness 1
(2) Date:	Signature of Witness 2
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Fatah Kashanchi	Date
ATURE WITNESSED BY:	
(1) Date:	Signature of Witness 1
(2) Date:	
	Signature of Witness 2
Mohammad Reza Sadaie	July 6, 1999 Date
ATURE WITNESSED BY:	
(1) Date: July 6, 1973	Signature of Witness 1
(2) Date: July 6, 1999	Signature of Witness 1 Signature of Witness 2
John Brady	Date
ATURE WITNESSED BY:	
(1) Date:	

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Fatah Kashanchi	Date
NATURE WITNESSED BY:	
(1) Date:	
(2) D .	Signature of Witness 1
(2) Date:	Signature of Witness 2
Mohammad Reza Sadaie	Date
NATURE WITNESSED BY:	
(1) Date:	
	Signature of Witness 1
(2) Date:	Signature of Witness 2
John Brady	8/25/99
John Brady	Date
NATURE WITNESSED BY:	
(1) Date: 8 25 199	Min Rade:
(2) Date: 8 25 99	Signature of Witness 1 Signature of Witness 2
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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.