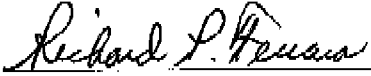


Substitute Form PTO-1595
Attorney Docket No.: 07763-001001


RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): <p style="text-align: center;">The Bank of New York</p> <p style="text-align: center;">Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	2. Name and address of receiving party(ies): <p style="text-align: center;">The Public Health Research Institute of the City of New York, Inc. 225 Warren Street Newark, NJ 07103-3535</p> <p style="text-align: center;">Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other: Release of Security Agreement Execution Date: 11/07/2005	4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: <p style="text-align: center;">See Schedule 1</p> B. Patent No(s).: <p style="text-align: center;">See Schedule 1</p> <p style="text-align: center;">Additional numbers attached? See Schedule 1 Yes</p>
5. Name/address of party to whom correspondence concerning document should be mailed: <p style="text-align: center;">RICHARD P. FERRARA Fish & Richardson P.C. Citigroup Center 52nd Floor 153 East 53rd Street New York, New York 10022-4611</p>	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$800 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i>	
Richard P. Ferrara <u>Reg. No. 30,632</u> Name of Person Signing	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  Signature </div> <div style="text-align: center;"> <u>9/18/2006</u> Date </div> </div>
Total number of pages including coversheet, attachments and document: 10	

30302376.doc

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

<u>September 18, 2006</u> Date of Transmission	 Signature	<u>Patricia E. Suchanek</u> Typed Name of Person Signing Certificate	PATENT
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700287447

REEL: 018268 FRAME: 0892

CH \$640.00 061050 09491795

Schedule 1Patents:

Title	Country	Ref #	Type	Date Filed	Serial #	Date Issued	Patent #	Status
SYNERGISTIC NEUTRALIZATION OF HIV-1 BY HUMAN MONOCLONAL ANTIBODIES AND OTHER ANTIBODIES DIRECTED AGAINST THE V3 LOOP AND THE CD4 BINDING SITE OF GP-120, AND THE USE OF SUCH ANTIBODIES FOR IMMUNOTHERAPY OF HIV-1 INFECTION	UNITED STATES	07763/005001	R62	05/23/1995	08/447,214	07/13/1999	5,992,325	ISSUED
CHAMP MAB	UNITED STATES	07763/007001	NEW					PROPOSED
DIAGNOSTIC ASSAYS AND KITS FOR RNA USING RNA-BINAR Y PROBES AND A PROTEIN THAT IS AN RNA-DIRECTED RNA LIGASE	UNITED STATES	07763/008001	R62	12/12/1994	08/355,438	09/15/1998	5,807,674	ISSUED
FUSION GLYCOPROTEINS	UNITED STATES	07763/010001	CIP	08/20/1993	08/110,300	07/01/1997	5,643,756	ISSUED
	UNITED STATES	07763/010002	DIV	07/01/1997	08/886,612	09/14/1999	5,952,474	ISSUED
DIRECT NUCLEIC ACID	UNITED STATES	07763/014001	NEW					PROPOSED
SELECTION OF REOZYMES THAT EFFICIENTLY CLEAVE TARGET RNA	UNITED STATES	07763/016001	R62	08/18/1992	07/931,560	04/01/1997	5,616,459	ISSUED
COMBID REPLICATION - TRANSLATION METHODS AND KITS FOR PROTEIN SYNTHESIS	UNITED STATES	07763/018001	R62	8/23/1994	08/294,610	9/17/1996	5,536,769	ISSUED
SENSITIVE NUCLEIC ACID SANDWICH HYBRIDIZATION ASSAYS	UNITED STATES	07763/019002	R62	2/24/1995	08/393,888	6/21/1998	5,759,773	ISSUED
MYCOBACTERIUM TUBERCULOSIS SPECIFIC PROTEINS AND GENES, MIXTURES OF ANTIGENS AND USES THEREOF	UNITED STATES	07763/028001	FCA	2/6/1997	08/796,792	7/11/2000	6,087,163	ISSUED
HIV-1 GP120 V1V2 DOMAIN EPTIOPES CAPABLE OF GENERATING NEUTRALIZING ANTIBODIES	UNITED STATES	07763/028002	DIV	1/26/2000	09/491,795			PENDING
SECRETED PROTEINS OF MYCOBACTERIUM TUBERCULOSIS AND THEIR USE AS VACCINES AND DIAGNOSTIC REAGENTS	UNITED STATES	07763/048002	CON	1/22/2002	10/208,407			PENDING
PROTEINS EXPRESSED BY MYCOBACTERIUM TUBERCULOSIS AND NOT BY GCG AND THEIR USE AS DIAGNOSTIC REAGENTS AND VACCINES	UNITED STATES	07763/042001	DCA	11/22/2001	10/009,384			PENDING
HIGH SPECIFICITY HARPIN ANTISENSE	UNITED STATES	07763/043001	DCA	3/4/2002	10/009,383			PENDING
	UNITED STATES	07763/044001	DCA	1/4/2002	10/030,404			PENDING

9682464/000007

Title	Country	Ref #	Type	Date Filed	Serial #	Date Issued	Patent #	Status
OLIGONUCLEOTIDES								
DOSING AND DEVELOPMENT OF ANTIMICROBIAL	UNITED STATES	07763/043001	NEW	9/24/1999	09/405,683	7/24/2001	6,265,181	ISSUED
AND ANTIVIRAL DRUGS DETERMINED BY	UNITED STATES	07763/044002	DIY	7/9/2001	09/304,296	6/18/2002	6,406,581	ISSUED
RESTRICTION OF RESISTANT MUTANT SELECTION								
DETECTION METHOD	UNITED STATES	07763/049004	NEW					PROPOSED
DELIVERY OF METERED AMOUNTS OF LIQUID	UNITED STATES	07763/055001	NEW	6/26/2002	10/184,502			PENDING
MATERIALS								
TB PEPTIDES	UNITED STATES	07763/056001	NEW					PROPOSED

PATENT

REEL: 018268 FRAME: 0894

968246A-0000

ASSIGNMENT OF PATENT

THIS ASSIGNMENT is made as of the 8th day of January, 2003, by The Public Health Research Institute of the City of New York, Inc., a New York not-for-profit corporation, having its principal place of business at 225 Warren Street, Newark, New Jersey 07103-3535 (hereinafter referred to as "Assignor").

WHEREAS, Assignor owns the entire right, title and interest in and to the following United States patents (the "Patents"), and the inventions described and claimed on Schedule I.

WHEREAS, Assignor desires to transfer the Patents to The Bank of New York, a New York banking corporation, having its principal place of business located at 385 Rifle Camp Road, West Paterson, New Jersey 07424-0403 (hereinafter referred to as "Assignee").

NOW, THEREFORE, for good and valuable consideration and the payment of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which whereof is hereby acknowledged, Assignor does subject to the terms of the Patent Security Agreement by and between Assignor and Assignee of even date herewith hereby assign, transfer, sell, convey and settle unto Assignee, its successors, legal representatives and assigns, all of the right, title and interest in and to the Patents.

Assignor hereby warrants and covenants that it has the full power and authority to convey the rights, title and interests herein assigned, transferred and sold to Assignee, that it has not executed and will not execute any agreement in conflict herewith, and that it will not execute or procure the execution of any and all future assignments or other instruments which may be necessary to perfect and evidence Assignee's ownership of the property and rights herein conveyed.

983714A01010703

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed as of the
day and year first above written.

THE PUBLIC HEALTH RESEARCH
INSTITUTE OF THE CITY OF NEW
YORK, INC.

By: 

Name: Lewis M. Weinstein

Title: President

983714A01010703

ACKNOWLEDGMENT

STATE OF NEW JERSEY)

) SS.:

COUNTY OF MORRIS)

BE IT REMEMBERED, that on this 8th day of January, 2003, before me, the subscriber, personally appeared Lewis M. Weinstein, who I am satisfied is President of The Public Health Research Institute of the City of New York, Inc. and who executed the within Assignment on behalf of such not-for-profit corporation and thereupon acknowledged that he signed, sealed and delivered the same as the voluntary act and deed of such not-for-profit corporation, for the purposes therein expressed.



Notary Public

WENDY SUE NYSTROM
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 3, 2004

983714A01010703

Schedule 1Patents:

Title	Country	Ref #	Type	Date Filed	Serial #	Date Issued	Patent #	Status
SYNERGISTIC NEUTRALIZATION OF HIV-1 BY HUMAN MONOCLONAL ANTIBODIES AND OTHER ANTIBODIES DIRECTED AGAINST THE V3 LOOP AND THE CD-4 BINDING SITE OF GP-120, AND THE USE OF SUCH ANTIBODIES FOR THERAPY OF HIV-1 INFECTION	UNITED STATES	07763/005601	R62	05/22/1995	08/447,214	07/13/1999	5,922,325	ISSUED
CHIMP MAB	UNITED STATES	07763/007001	NEW					PROPOSED
DIAGNOSTIC ASSAYS AND KITS FOR RNA USING RNA BINARY PROBES AND A PROTEIN THAT IS AN RNA-DIRECTED RNA LIGASE	UNITED STATES	07763/008901	R62	12/12/1994	08/355,438	09/15/1998	5,807,674	ISSUED
FUSION GLYCOPROTEINS	UNITED STATES	07763/010001	CHP	08/20/1993	08/110,300	07/01/1997	5,643,756	ISSUED
	UNITED STATES	07763/010002	DIV	07/01/1997	08/886,642	09/04/1999	5,953,474	ISSUED
DIRECT NUCLEIC ACID	UNITED STATES	07763/014001	NEW					PROPOSED
SELECTION OF RIBOZYMES THAT EFFICIENTLY CLEAVE TARGET RNA	UNITED STATES	07763/016001	R62	08/18/1992	07/931,560	04/01/1997	5,616,459	ISSUED
COUPLED REPLICATION - TRANSLATION METHODS AND KITS FOR PROTEIN SYNTHESIS	UNITED STATES	07763/018001	R62	8/23/1994	08/294,610	9/17/1996	5,556,769	ISSUED
SENSITIVE NUCLEIC ACID SANDWICH	UNITED STATES	07763/019002	R62	2/24/1995	08/593,888	6/21/1998	5,739,773	ISSUED
HYBRIDIZATION ASSAYS	UNITED STATES	07763/028001	PCA	2/6/1997	08/796,792	7/11/2000	6,087,163	ISSUED
MYCOBACTERIUM TUBERCULOSIS SPECIFIC PROTEINS AND GENES, MIXTURES OF ANTIGENS AND USES THEREOF	UNITED STATES	07763/028002	DIV	1/26/2000	09/491,795			PENDING
HIV-1 GP120 V1/V2 DOMAIN PHITOPES CAPABLE OF GENERATING NEUTRALIZING ANTIBODIES	UNITED STATES	07763/048002	CON	1/22/2002	10/208,407			PENDING
SECRETED PROTEINS OF MYCOBACTERIUM TUBERCULOSIS AND THEIR USE AS VACCINES AND DIAGNOSTIC REAGENTS	UNITED STATES	07763/042001	DCA	11/22/2001	10/009,384			PENDING
PROTEINS EXPRESSED BY MYCOBACTERIUM TUBERCULOSIS AND NOT BY GCG AND THEIR USE AS DIAGNOSTIC REAGENTS AND VACCINES	UNITED STATES	07763/043001	DCA	3/4/2002	10/009,383			PENDING
HIGH SPECIFICITY HAIRPIN ANTISENSE	UNITED STATES	07763/044001	DCA	1/4/2002	10/030,404			PENDING

96824646-07

Title	Country	Ref #	Type	Date Filed	Serial #	Date Issued	Patent #	Status
OLIGONUCLEOTIDES								
DOSING AND DEVELOPMENT OF ANTIMICROBIAL	UNITED STATES	07763/045001	NEW	9/24/1999	09405,683	7/24/2001	6,265,181	ISSUED
AND ANTIVIRAL DRUGS DETERMINED BY	UNITED STATES	07763/045002	DIV	7/27/2001	095901,296	6/18/2002	6,406,831	ISSUED
RESTRICTION OF RESISTANT MUTANT SELECTION								
DETECTION METHOD	UNITED STATES	07763/049001	NEW					PROPOSED
DELIVERY OF METERED AMOUNTS OF LIQUID	UNITED STATES	07763/055001	NEW	6/26/2002	10184,502			PENDING
MATERIALS								
TB PEPTIDES	UNITED STATES	07763/056001	NEW					PROPOSED

UCC FINANCING STATEMENT AMENDMENT

FOLLOW INSTRUCTIONS (front and back) CAREFULLY

A. NAME & PHONE OF CONTACT AT FILER (optional)

B. SEND ACKNOWLEDGMENT TO: (Name and Address)

THE ABOVE SPACE IS FOR FILING OFFICE USE ONLY

1a. INITIAL FINANCING STATEMENT FILE #

200301090055798 dated 01/09/2003 - NYS

1b. This FINANCING STATEMENT AMENDMENT is to be filed (for record) (or recorded) in the REAL ESTATE RECORDS.

2. ☒ **TERMINATION:** Effectiveness of the Financing Statement identified above is terminated with respect to security interest(s) of the Secured Party authorizing this Termination Statement.3. ☐ **CONTINUATION:** Effectiveness of the Financing Statement identified above with respect to security interest(s) of the Secured Party authorizing this Continuation Statement is continued for the additional period provided by applicable law.4. ☐ **ASSIGNMENT** (full or partial): Give name of assignee in item 7a or 7b and address of assignee in item 7c; and also give name of assignor in item 8.5. **AMENDMENT (PARTY INFORMATION):** This Amendment affects ☐ Debtor or ☐ Secured Party of record. Check only one of these two boxes.

Also check one of the following three boxes and provide appropriate information in items 6 and/or 7.

☐ **CHANGE** name and/or address: Please refer to the detailed instructions in regards to changing the name/address of a party.☐ **DELETE** name: Give record name to be deleted in item 6a or 6b.☐ **ADD** name: Complete item 7a or 7b, and also item 7c; also complete items 7d-7g (if applicable).6. **CURRENT RECORD INFORMATION:**

6a. ORGANIZATION'S NAME

THE PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK INC.

OR 6b. INDIVIDUAL'S LAST NAME

FIRST NAME

MIDDLE NAME

SUFFIX

7. **CHANGED (NEW) OR ADDED INFORMATION:**

7a. ORGANIZATION'S NAME

OR 7b. INDIVIDUAL'S LAST NAME

FIRST NAME

MIDDLE NAME

SUFFIX

7c. MAILING ADDRESS

CITY

STATE

POSTAL CODE

COUNTRY

7d. SEE INSTRUCTIONS

ADD'L INFO RE ORGANIZATION DEBTOR

7e. TYPE OF ORGANIZATION

7f. JURISDICTION OF ORGANIZATION

7g. ORGANIZATIONAL ID #, if any

☐ NONE8. **AMENDMENT (COLLATERAL CHANGE):** check only one box:Describe collateral ☐ deleted or ☐ added, or give entire ☐ restated collateral description, or describe collateral ☐ assigned.9. **NAME OF SECURED PARTY OF RECORD AUTHORIZING THIS AMENDMENT** (name of assignor, if this is an Assignment; if this is an Amendment authorized by a Debtor which adds collateral or adds the authorizing Debtor, or if this is a Termination authorized by a Debtor, check here ☐ and enter name of DEBTOR authorizing the Amendment.

9a. ORGANIZATION'S NAME

THE BANK OF NEW YORK

OR 9b. INDIVIDUAL'S LAST NAME

FIRST NAME

MIDDLE NAME

SUFFIX

10. **OPTIONAL FILER REFERENCE DATA**

90-5315410012

81605/4151620

Item 59

(ABN)

FILING OFFICE COPY — UCC FINANCING STATEMENT AMENDMENT (FORM UCC3) (REV. 05/22/02)

PATENT

RECORDED: 09/18/2006

REEL: 018268 FRAME: 0900