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09/601444

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FORM 1595

11-22-2000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



101524711

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 Liang XU
 Kathleen PIROLLO
 Esther H. CHANG

Additional name(s) of conveying party(ies) attached? Yes No

*MRD
8.2.00*

2. Name and address of receiving party(ies):
 Name Georgetown University
 Internal Address: _____
 Street Address: 37th and O Streets, N.W.
 City Washington
 State D.C. ZIP 20057
 Additional name(s) & addresses(es) attached?
 Yes No

3. Name of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Date: August 1, 2000

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: 09/601444

A. Patent Application No.(s) PCT/US98/24657 B. Patent No.(s) _____
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Stephen A. Saxe
 Internal Address: Rothwell, Figg, Ernst & Manbeck, p.c.
 Street Address: 555 13th Street, N.W., Suite 701 East
 City: Washington
 State: D.C. Zip 20004

6. Total number of applications and patents involved: One (1)

7. Total fee (37 CFR 3.41): . . . \$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 02-2135
 Attach duplicate copy of this page if paying by deposit account

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9. Statement and signature.
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.

Stephen A. Saxe, Reg. No. 38,609 *Stephen A. Saxe* 2 August 2000
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and documents: Three (3)

ASSIGNMENT

WHEREAS, WE, Liang XU, a citizen of the Peoples Republic of China, residing at 1200 N. Queen Street #608, Arlington, VA, Kathleen PIROLLO, a citizen of the United States, residing at 2001 N. Adams Street #1031, Arlington, VA, and Esther H. CHANG, a citizen of the United States, residing at 7508 Vale Street, Chevy Chase, MD, are the inventors of an invention in TARGETED LIPOSOME GENE DELIVERY for which we have executed an International Application under the Patent Cooperation Treaty designating among other countries The United States of America, and bearing International Application No. PCT/US98/24657, filed November 19, 1998;

WHEREAS, **Georgetown University**, with a place of business at 37th and O Streets, N.W., Washington, D.C. 20057 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

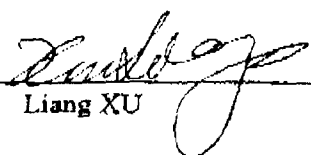
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we the said Liang XU, Kathleen PIROLLO and Esther H. CHANG, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Georgetown University**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said **Georgetown University**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

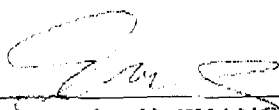
AND WE HEREBY further covenant and agree that we will communicate to said **Georgetown University**, its successors, legal representatives, assigns and licensees, any facts known

to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all national stage, divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Georgetown University**, its successors, legal representatives, assigns and licensees, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 8/1/2000  L.S.
Liang XU

Date aug 1, 2000  L.S.
Kathleen PIROLLO

Date 8/1/ 2000  L.S.
Esther H. CHANG