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FORM 1595



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

1. Name of conveying party(ies):

William R. GRAY

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

2. Name and address of receiving party(ies):

Name The University of Utah

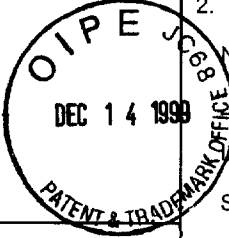
Internal Address: _____

Street Address: 615 Arapeen Drive, Suite 110

City Salt Lake City

State Utah ZIP 84108

Additional name(s) & addresses(es) attached? [] Yes [XX] No



3. Name of Conveyance:

- [XX] Assignment [] Merger
- [] Security Agreement [] Change of Name
- [] Other _____

Execution Dates: 27 July 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: _____

A. Patent Application No.(s)

B. Patent No.(s)

US Natl. Phase of PCT/US97/20534 (SN 09/297,771)

Additional numbers attached? [] Yes [XX] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jeffrey L. Ihnen, Registration No. 28,957

Internal Address: ROTHWELL, FIGG, ERNST & KURZ, 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

[XX] Enclosed

[] Authorized to be charged to deposit account

8. Deposit account number: _____

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.

Jeffrey L. Ihnen, Reg. No. 28,957

Name of Person Signing

Signature

14 December 1999

Date

Atty Docket 2314-163

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

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PATENT
REEL: 010457 FRAME: 0683

ASSIGNMENT

Phase 5a
~~Base 4~~ **WHEREAS**, We, Elsie C. JIMENEZ, a citizen of the Philippines, residing at Block 3, Lot 6, Palmera Homes, Quezon City, Philippines, Baldomero M. OLIVERA, a citizen of the Philippines, residing at 1370 Bryan Avenue, Salt Lake City, Utah 84108, William R. GRAY, a citizen of the United States of America, residing at 666 9th Avenue, Salt Lake City, Utah 84111, and Lourdes CRUZ, a citizen of the Philippines, residing at 31 M Street, #403, Salt Lake City, Utah 84114, are the inventors of an invention in CONTRYPHAN PEPTIDES, for which an application for Letters Patent of the United States was filed on 7 November 1997 under Serial No. PCT/US97/20534; and

WHEREAS, the UNIVERSITY OF UTAH, a non-profit institution duly organized under the laws of the State of Utah, with a place of business at 615 Arapeen Drive, Suite 110, Salt Lake City, Utah 84108, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application for the United States of America and all countries foreign thereto, and in and to any and all Letters Patent to be issued for said invention in the United States of America and all countries foreign thereto, including any and all continuations, divisions, reissues, or extensions, of such application or Letters Patent;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said Elsie C. JIMENEZ, Baldomero M. OLIVERA, William R. GRAY and Lourdes CRUZ, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said UNIVERSITY OF UTAH, 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 UNIVERSITY OF UTAH, 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 UNIVERSITY OF UTAH, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said UNIVERSITY OF UTAH, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

(signature page follows)

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

Date _____ 1999 _____ L.S.
Elsie C. JIMENEZ

Date _____ 1999 _____ L.S.
Baldomero M. OLIVERA

Date July 27, 1999 1999 _____ L.S.
William R Gray
William R. GRAY

Date _____ 1999 _____ L.S.
Lourdes CRUZI