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OMB No. 0651-0011 (exp. 4/94) 100996992 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. L2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Name: THE SCRIPPS RESEARCH INSTITUTE Angray S. Kang Internal Address: 10550 North Torrey Pines Additional name(s) of conveying party(ies) attached?

Yes
No Road, La Jolla, California 92037 3. Nature of conveyance: Street Address:__ 10550 North Torrey Pines Road Assignment Merger □ Change of Name ☐ Security Agreement City: La Jolla State: CA ZIP: 92037 □ Other Execution Date: January 29, 1999 Additional name(s) & address(es) attached? ☐ Yes \(\frac{1}{2} \) No 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) 09/198,839 Additional numbers attached?

Yes A No. 6. Total number of applications and patents involved: 1 Name and address of party to whom correspondence concerning document should be mailed: Thomas E. Northrup 7. Total fee (37 CFR 3.41).....\$ 40.00 Name:_ Internal Address: Office of Patent Counsel Enclosed 10550 North Torrey Pines Road, TPC-8, Authorized to be charged to deposit account La Jolla, California 92037 Street Address: 10550 North Torrey Pines 8. Deposit account number: Road. TPC-8 19-0962

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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.

Thomas E. Northrup

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

March 15, 1999 Date

(Attach duplicate copy of this page if paying by deposit account)

Serial No. <u>09/198,839</u>

Filed November 24, 1998

In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in MODULATION OF POLYPEPTIDE DISPLAY ON MODIFIED FILAMENTOUS PHAGE and in the application for Letters Patent of the United States therefor, and in any reissue or extension of any letters Patent that may be granted upon said application are hereby assigned by the undersigned to THE SCRIPPS RESEARCH INSTITUTE. A California Corporation , and the heirs, successors, legal representatives and assigns of THE SCRIPPS RESEARCH INSTITUTE (herein collectively called said Assignee), and the Commissioner of Patents and Trademarks is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for said considerations it is further agreed by the undersigned, upon request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becomes involved in Interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, on such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment and sale had not been made. And for said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The attorneys of record in said application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and serial number thereof in the places provided therefor.

Angray S. Kang

County of San Diego

on Sawary 29, 1999 before me, Lori A. Likelermen, Notary Rouge
, personally appeared Rogray S. Kang

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the

instrument.

WITNESS my hand and official seal.

Notary Public My Commission Expires: 5

PATENT

RECORDED: 03/22/1999

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