Docket No.: 3648.025 01-13-2003 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) HEET (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Jose V. Torres Name: Variation Biotechnologies Inco 1-8-03 Address: 12 Chancellor Court Additional names(s) of conveying party(ies) ☐ Yes ☑ No 3. Nature of conveyance: Merger State/Prov.: ON City: Ottawa ☐ Security Agreement Change of Name Country: CANADA ZIP: K1V OH7 ☐ Other Execution Date: September 16, 2002 Additional name(s) & address(es) ☐ Yes ⊠ No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Filing date B. Patent No.(s) Patent Application No. October 8, 1999 09/414,484 10/072,084 February 8, 2002 Yes X No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 2 concerning document should be mailed: Name: Yate K. Cutliff 7. Total fee (37 CFR 3.41):....\$ 80.00 Registration No. 40,577 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: PENDORF & CUTLIFF Authorized to be charged to deposit account P. O. Box 20445 8. Deposit account number: 16-0877 City: Tampa State/Prov.: FL (Attach duplicate copy of this page if paying by deposit actiont) Country: US ZIP: 33622-0445 DO NOT USE THIS SPACE 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 and correct and any attached copy is a true of the original document. January 2, 2003 Yate K. Cutliff Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT REEL: 013641 FRAME: 0198

ASSIGNMENT

I:

SIGNED at

José V. Torres 2609 Adrian Drive Davis CA 95616 U.S.A.

in consideration of \$1.00, the receipt of which is hereby acknowledged, and other good and valuable consideration, do hereby sell and assign to:

Variation Biotechnologies Inc. 12 Chancellor Court Ottawa ON K1V 0H7 Canada

all our right, title and interest in the United States of America, and all countries foreign thereto, in and to the invention(s) disclosed in U.S. Patent Application No. 09/414,484, filed October 8, 1999, and U.S. Patent Application No. 10/072,084, filed February 8, 2002, which relate to and are respectively entitled:

PREPARATION AND USE OF HYPERVARIABLE EPITOPE CONSTRUCTS and ADDRESS FOR PREPARATION THERE

IMMUNOGENIC FORMULATION AND PROCESS FOR PREPARATION THEREOF

and to any application for patent claiming priority therefrom, and to all our corresponding right, title and interest in and to any patent issued therefrom, and to any patent issued from a continuation, continuation-in-part, re-issue, divisional or re-examination application derived, or claiming priority, from the above applications.

The undersigned hereby authorize the firm of Borden Ladner Gervais LLP to insert any further identification or other information necessary or desirable to make this assignment suitable for recordation in the Patent Offices of any country as may be required.

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| | | José | V. Torres | |
| | STATEN | IENT BY WITNE | SS . | |
| I. DAVID E. | (name of witness) | | whose full post office address is | |
| 108 WA J | AQUIN | | | |
| MORAGA, CA | | | | |
| | | | e within assignment and such | |
| assignor is personally l | nown to me to be the | person described in | Such document. | |

Signature of Witness

Page 1 of 1

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