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FORM PTO-1595 (Modified) 10-23-2001 (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office ONLY Copyright 1996-97 LegalStar P08A/REV02 Tab settings → → 101885176 To the Honorable Comm. ase record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Charles D.Y. Sia; Shi-Xian Cao; Roy Persson; Benjamin Rovinski; and Mark Parrington Name: Connaught Laboratories Limited Address: 1755 Steeles Avenue West Additional names(s) of conveying party(ies) ☐ Yes 🖾 No Nature of conveyance: Merger ☐ Security Agreement Change of Name City: Toronto _____ State/Prov.: Ontario Other Country: Canada Execution Date: April 6, 2000 ☐ Yes Additional name(s) & address(es) ⊠ No 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) 8/28/2001 UEDUVIJE 00000186 09914205 04 FC:581 ☐ Yes ☐ No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Michael I. Stewart 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 24,973 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: 6th Floor, 330 University Avenue Authorized to be charged to deposit account 8. Deposit account number: _____ State/Prov.: Ontario City: Toronto ZIP: M5G 1R7 Country: Canada 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 copy of the original document. August 22, 2001 Michael I. Stewart (Reg. No. 24,973) Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and

REEL: 012259 FRAME: 0508

ASSIGNMENT

WHEREAS, we, SIA, Charles D.Y.; CAO, Shi-Xian; PERSSON, Roy and ROVINSKI, Benjamin, citizens of Canada, residing respectively at 189 Mabley Crescent, Thornhill, Ontario, Canada, L4J 2Z7; Apt. 408, 716 The West Mall, Etobicoke, Ontario, Canada, M9C 4X6; Unit 604, 7-Bishop Avenue, North York, Ontario, Canada, M2M 4J4; and 70 Winding Lane, Thornhill, Ontario, Canada, L4J 5H6, have invented certain new and useful improvements in EXPRESSING GP140 FRAGMENT OF PRIMARY HIV-1 ISOLATE, for which is described and claimed in the specification submitted herewith and was filed as PCT International Application No.PCT/CA00/00190 on Feb. 24, 2000

WHEREAS, we verily believe ourselves to be the original, first and coinventors of the invention set forth in said application for Letters Patent; and

WHEREAS, CONNAUGHT LABORATORIES LIMITED, a company organized and existing under the laws of the Province of Ontario, sometimes referred to as "said assignee" having a place of business at 1755 Steeles Avenue West, Toronto, Ontario, Canada, M2R 3T4, are desirous of acquiring the entire and exclusive right, title and interest in and to said invention, any and all patent applications which may be filed thereon, and any and all Letters Patent which may be granted or issued thereon in the United States and throughout the world, including any and all divisions, continuations, reissues and extensions of any of the foregoing;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), to us in hand paid by the said CONNAUGHT LABORATORIES LIMITED, and other good and valuable consideration, receipt of which is hereby acknowledged, we, the said SIA, Charles D.Y.; CAO, Shi-Xian; PERSSON, Roy and ROVINSKI, Benjamin, have sold, assigned, transferred and set over and do hereby sell, assign, transfer and set over unto the said assignee, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, patent applications and Letters Patent which may be granted or issued for said invention in the United States and throughout the world, including all divisions, continuations, reissues and extensions thereof and all international priority rights associated therewith all to be held by us had this assignment not been made, and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the duly constituted authorities of all foreign countries of the world to issue all Letters Patent relating to the foregoing rights to said assignee, its successors and assigns;

PATENT REEL: 012259 FRAME: 0509 AND we further agree that we will promptly, upon request and without further compensation, do all lawful acts including the execution of all necessary documents, and the giving of testimony that in the opinion of the said assignee, its successors and assigns may be necessary or desirable for obtaining, sustaining, or reissuing United States and foreign Letters Patent relating to the foregoing assigned rights, and for perfecting, affirming, recording and maintaining the title of said assignee, its successors and assigns thereto, and that we will generally cooperate to the fullest extent in all matters pertaining to said invention and patents, and said assignee's title thereto.

IN WITNESS WHEREOF, we have hereunto set our hands and seal this on day of April , 2000.

SIA, Charles D.Y.

CAO, Shi-Xian

PERSSON, Roy

ROVINSKI, Benjamin

On this 6 day of April , 2000, before me, the subscribers, personally appeared SIA, Charles D.Y.; CAO, Shi-Xian; PERSSON, Roy and ROVINSKI, Benjamin, to me known to be the same persons described in and who executed the foregoing instrument, and they acknowledged that they executed the same.

RECORDED: 08/23/2001......

Notary Public

CAROL ANN GILLIS, Notary Public, City of Toronto, firmled to the attention of instruments and the taking of affidings for Aventis Pasteur Limited. Expires January 21, 2003.

REEL: 012259 FRAME: 0510