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U.S. DEPARTMENT OF COMMERCE  
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*MIRD 7-9-98*



Tab settings

To the Honorable Commissioner of Patent

100767405

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Rafael E.F. Fabian



Additional names (s) of conveying party(ies)  Yes  No

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

Name: Connaught Laboratories Limited

Address: 1755 Steeles Avenue West

City: North York State/Prov.: Ontario

Country: Canada ZIP: M2R 3T4

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: June 1, 1998

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

U.S. 08/945,750              May 2, 1996

B. Patent No.(s)

Additional numbers  Yes  No

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

Name: Michael I. Stewart

Registration No. 24,973

Address: Sim & McBurney

6th Floor, 330 University Avenue

City: Toronto State/Prov.: Ontario

Country: Canada ZIP: M5G 1R7

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ \_\_\_\_\_

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_

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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.

Michael I. Stewart

*M.I. Stewart*

July 8, 1998

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and



## ASSIGNMENT

WHEREAS, we, (1) John R. Vose; (2) Raafat E.F. Fahim; (3) Gail E.D. Jackson; (4) Larry U.L. Tan; (5) Andrew Herbert; (6) Leslie Boux; (7) Luis Barreto; (8) John Thipphawong; and (9) Michel H. Klein, citizens of Canada residing respectively at (1) 6 allée des écureuils, 69160 Tassin la demi-lune, France; (2) 524 Ceremonial Drive, Mississauga, Ontario, Canada, L5R 2T2; (3) 10 Annette Gate, Richmond Hill, Ontario, Canada, L4C 5P3; (4) 2424 Folkway Drive, Mississauga, Ontario, Canada, L5L 3N3; (5) 199 Upper Canada Drive, Apt. 414, North York, Ontario, Canada, M2P 1T3; (6) 128 Kirkland Boulevard, Kirkland, Quebec, Canada, H9J 1P2; (7) 53 Crooked Stick Crescent, Concord, Ontario, Canada, L4K 1P4; (8) 45 Carlton Street, Apt. 602, Toronto, Ontario, Canada, M5B 2H9; and (9) 16 Munro Boulevard, Willowdale, Ontario, Canada, M2P 1B9, have invented certain new and useful improvements in **ACELLULAR PERTUSSIS VACCINES AND METHODS OF PREPARATION THEREOF**, for which invention we have filed an International patent application No. PCT/CA96/00278 on May 2, 1996; and

WHEREAS, we verily believe ourselves to be original, first and co-inventors 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, North York, 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 One Dollar (\$1.00), 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 John R. Vose; Raafat E.F. Fahim; Gail E.D. Jackson; Larry

U.L. Tan; Andrew Herbert; Leslie Boux; Luis Barreto; John Thippawong; and Michel H. Klein, 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;

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 1<sup>st</sup> day of June, 1998.

~~John R. Vose~~

~~Raafat E.F. Fahim~~

~~Gail E.D. Jackson~~

~~Larry U.L. Tan~~

~~Andrew Herbert~~

~~Leslie Boux~~

~~Luis Barreto~~

~~John Thippawong~~

~~Michel H. Klein~~

On this 1<sup>st</sup> day of June, 1998, before me, the subscribers, personally appeared ~~John R. Vose; Raafat E.F. Fahim; Gail E.D. Jackson; Larry U.L. Tan; Andrew Herbert; Leslie Boux; Luis Barreto; John Thippawong; and Michel H. Klein,~~ to me known to be the same persons described in and who executed the foregoing instrument, and they acknowledged that they executed the same.

  
Notary Public

CAROL ANN GILLIS, Notary Public, Municipality of Metropolitan Toronto, limited to the attestation of instruments and the taking of affidavits, for Connaught Laboratories Limited. Expires January 21, 2000.