FORM PTO-1595 (Modified) (Rev. 6-93)
OMB No 0651-0011 (exp 4/94)
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Name of Person Signing

07-20-2001



Docket No.: 1038-1118 MIS:jb

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

POBA/REV02 Tab settings > > >	
	784276ached original documents or copy thereof
Name of conveying party(ies): Raymond P. Oomen	Name and address of receiving party(ies): Name: Aventis Pasteur Limited
	Address: 1755 Steeles Avenue West
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	City: Toronto State/Prov.: Ontario
☐ Other	Country: Canada ZIP: M2R 3T4
Execution Date: May 9, 2001	Additional name(s) & address(es) ☐ Yes ☒ No
4. Application number(s) or registration numbers(s): If this document is being filed together with a new application.	
Patent Application No. Filing date	B. Patent No.(s)
5. Name and address of party to whom correspondence	rs Yes No 6. Total number of applications and patents involved: 1
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:
City: Toronto State/Prov.: Ontario	i
Country: Canada ZIP: M5G 1R7	
WINCOM CHARLET AAAACO ANASAA	OT USE THIS SPACE
1 FC:581 40.00 0P 9. Statement and signature.	
igce To the best of my knowledge and belief, the foregoing info	rmation is true and correct and any attached copy is a true copy
Michael I. Stewart (Reg. No. 24,973)	mlm / Shun L July 16, 2001

Signature

Total number of pages including cover sheet, attachments, and

Date

ASSIGNMENT

WHEREAS, we, Andrew D. Murdin; Pamela L. Dunn; and Raymond P. Oomen, citizens of Canada, residing at 146 Rhodes Circle, Newmarket, Ontario, Canada, L3X 1V2; Apt. 703, 3700 Kaneff Crescent, Mississauga, Ontairo, Canada, 27 Kennedy St. W., Aurora, Ontario, Canada, L46, 216, 54 4B8; and RR No. 1, Schomberg, Ontario, Canada, L0C 1T0, have invented certain new and useful improvements in NUCLEIC ACID MOLECULES ENCODING INCLUSION MEMBRANE PROTEIN C OF CHLAMYDIA, for which invention we have filed an International patent application No. PCT/CA99/00766 on August 19, 1999; and

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

WHEREAS, AVENTIS PASTEUR 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 AVENTIS PASTEUR LIMITED, and other good and valuable consideration, receipt of which is hereby acknowledged, we, the said Andrew D. Murdin; Pamela L. Dunn; and Raymond P. Oomen, 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

PATENT REEL: 011982 FRAME: 0635 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 day of May, 2001.

Andrew D. Murdin

Pamela L. Dunn

RECORDED: 07/17/2001

On this 9 day of May , 2001, before me, the subscribers, personally appeared Andrew D. Murdin; Pamela L. Dunn; and Raymond P. Oomen, to me known to be the same persons described in and who executed the foregoing instrument, and they acknowledged that they executed the same.

CAROL ANN GILLIS, Notary Public, City of Toronto. limited to the attestation of instruments and the king of affidavits for Aventis Pasteur Limited. Expires January 21, 2003.

PATENT

REEL: 011982 FRAME: 0636