FORM PTO-1595 (Modified)		02-1999		. DEPARTMENT OF COM
-URM P10-1593 (Modified) Rev. 6-93) MB No. 0651-0011 (exp.4/94)	REC		0.5	Patent and Trademar
opyright 1996-97 LegalStar 908A/REV02				
Tab settings + + + V	•	083534		v v
To the Honorable Commissioner of Pater	nts and Trademarks:	1		· · · · · · · · · · · · · · · · · · ·
1. Name of conveying party(ies):		2. Name and address	of receiving p	party(ies):
		Name: CONNAUG	HT LABORA	ATORIES LIMITED
FRADENART OF		Address: 1755 Stee	eles Avenue W	Vest
		//dd/0005.		
Additional names(s) of conveying party(ies)	Yes 🛛 No			
3. Nature of conveyance:				
🛛 Assignment 🗌 N	Merger			
Security Agreement	Change of Name	City: North York		State/Prov.: Ontar
		Country: Canada		ZIP: M2R 3T4
☐ Other	·			ZIF. 1941319
Execution Date: July 2, 1998		Additional name(s) & addre	ess(es)	🗆 Yes 🖾 No
If this document is being filed together w Patent Application No. Filing da 09/027,956 February	ate	, the execution date of th B. Patent No.(n is:
Patent Application No. Filing da	ate			n is:
Patent Application No. Filing da	Additional numbers	B. Patent No.((s)	
Patent Application No. Filing da 09/027,956 February 5. Name and address of party to whom cor	Additional numbers	B. Patent No.(Yes 🛛 No 6. Total number of app	(s) plications and	d patents involved:
Patent Application No. Filing da 09/027,956 February 5. Name and address of party to whom cor concerning document should be mailed: Name: Michael I. Stewart	Additional numbers	B. Patent No.(Yes 🛛 No 6. Total number of app 7. Total fee (37 CFR 3	(s) olications and 3.41):	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom cor concerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973	Additional numbers	B. Patent No.(Yes 🛛 No 6. Total number of app 7. Total fee (37 CFR 3	(s) blications and 3.41): excess or ins	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom cor concerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY	Additional numbers	 B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Credited or debi 	(s) plications and 3.41): excess or ins ited to deposi	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom correconcerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY 330 University Avenue	Additional numbers	 B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Credited or debi 	(s) plications and 3.41): excess or ins ited to deposi	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom cor concerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY	Additional numbers	 B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Enclosed - Any credited or debi Authorized to be 	(s) blications and 3.41): excess or ins ited to deposi e charged to	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom corconcerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY 330 University Avenue 6th Floor	Additional numbers	 B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Credited or debi 	(s) blications and 3.41): excess or ins ited to deposi e charged to	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom corconcerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY 330 University Avenue 6th Floor City: Toronto State	Additional numbers rrespondence	 B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Enclosed - Any credited or debi Authorized to be 	(s) blications and 3.41): excess or ins ited to deposi e charged to	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom corconcerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY 330 University Avenue 6th Floor City: Toronto State	Additional numbers Trespondence Prov.: Ontario M5G 1R7	B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Enclosed - Any credited or debi Authorized to be 8. Deposit account num	(s) blications and 3.41): excess or ins ited to deposi e charged to	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom corconcerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY 330 University Avenue 6th Floor City: Toronto State Country: Canada ZIP:	Additional numbers Trespondence Prov.: Ontario M5G 1R7	 B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Enclosed - Any credited or debi Authorized to be 	(s) blications and 3.41): excess or ins ited to deposi e charged to	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom corconcerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY 330 University Avenue 6th Floor City: Toronto State Country: Canada ZIP: 7/01/1999 Mathematical councers 40.00 @ 9. Statement and signature. 9.	Additional numbers Additional numbers rrespondence Prov.: Ontario M5G 1R7 DO NOT	B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Enclosed - Any credited or debi Authorized to be 8. Deposit account number USE THIS SPACE	(s) plications and 3.41): excess or ins ited to deposi e charged to mber:	d patents involved: \$ <u>40.00</u> sufficiency should be it account deposit account
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom corconcerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY 330 University Avenue 6th Floor City: Toronto State Country: Canada ZIP: //01/1595 HEUTER 40.00 DP 9. Statement and signature. To the best of my knowledge and belief,	Additional numbers Additional numbers rrespondence Prov.: Ontario M5G 1R7 DO NOT	B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Enclosed - Any credited or debi Authorized to be 8. Deposit account number USE THIS SPACE	(s) plications and 3.41): excess or ins ited to deposi e charged to mber:	d patents involved:
Patent Application No. Filing data 09/027,956 February 5. Name and address of party to whom corconcerning document should be mailed: Name: Michael I. Stewart Registration No. 24,973 Address: SIM & McBURNEY 330 University Avenue 6th Floor City: Toronto State Country: Canada ZIP: 7/01/1999 Mathematical councers 40.00 @ 9. Statement and signature. 9.	Additional numbers Additional numbers rrespondence Prov.: Ontario M5G 1R7 DO NOT	B. Patent No.(Yes X No 6. Total number of app 7. Total fee (37 CFR 3 Enclosed - Any credited or debi Authorized to be 8. Deposit account number USE THIS SPACE	(s) olications and 3.41): excess or ins ited to deposi e charged to mber: and any attac	d patents involved:

REEL: 010058 FRAME: 0519

ASSIGNMENT

WHEREAS, we, PELE CHONG; ALF LINDBERG; and MICHEL KLEIN, citizens of Canada, Sweden and Canada residing respectively at 32 Estoril Street, Richmond Hill, Ontario, Canada, L4C 0B6; 33 Quai Saint Antoine, 69002 Lyon, France; and 16 Munro Boulevard, Willowdale, Ontario, Canada, M2P 1B9, have invented certain new and useful improvements in NOVEL MULTI-OLIGOSACCHARIDE GLYCOCONJUGATE BACTERIAL MENINGITIS VACCINES, for which invention we executed an application for Letters Patent of the United States of America on July 3, 1998 and

WHEREAS, we verily believe ourselves to be the original, first and joint 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 qood and valuable consideration, receipt of which is hereby acknowledged, we, the said PELE CHONG; ALF LINDBERG; and MICHEL 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 Q day of July , 1998. PELE CHONG ALF LINDBERG

KLEIN MICHEL

On this Ind day of 1998, before subscribers, personally appeared PELE CHONG; the ALF me, LINDBERG; and MICHEL KLEIN, to me known to be the same persons described and who executed the foregoing in instrument, and they acknowledged that they executed the same.

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.

> PATENT REEL: 010058 FRAME: 0521