

FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar POBA/REV02

03-27-2000

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Docket No.: 1038-795 MIS:ja

HEET U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): LOOSMORE, Sheena M.; DU, Run-Pan; WANG, Quijan; YANG, Yan-Ping; and Name: Connaught Laboratories Limited KLEIN, Michel Address: 1755 Steeles Avenue West ☐ Yes 🛛 No Additional names(s) of conveying party(ies) Nature of conveyance: ☐ Merger _____ State/Prov.: Ontario City: Toronto ☐ Security Agreement ☐ Change of Name Country: Canada ZIP: M2R 3T4 ☐ Other _ Execution Date: June 9, 1998 and August 7, 1998 ☐ Yes ⊠ No Additional name(s) & address(es) 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: B. Patent No.(s) Patent Application No. Filing date 09/074,658 ☐ 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):....\$ 80.00 Registration No. 24,973 ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: SIM & McBURNEY Authorized to be charged to deposit account 6th Floor 330 University Avenue

Country: Canada 03/29/2000 DNGUYEN 00000151 09074658

80.00 DP

State/Prov.: Ontario

ZIP: M5G 1R7

DO NOT USE THIS SPACE

9. Statement and signature.

City: Toronto

01 FC:581

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

Signature

8. Deposit account number:

Date

February 22, 2000

Total number of pages including cover sheet, attachments, and

REEL: 010629 FRAME: 0890

Name of Person Signing

ASSIGNMENT

WHEREAS, we, SHEENA M. LOOSMORE; RUN-PAN DU; QUIJUN WANG; YAN-PING YANG; and MICHEL H. KLEIN, all are citizens of Canada, residing respectively at 70 Crawford Rose Drive, Aurora, Ontario, Canada, L4G 4R4; 299 Chelwood Drive, Thornhill, Ontario, Canada, L4J 7Y8; 299 Chelwood Drive, Thornhill, Ontario, Canada, L4J 7Y8; Apt. 709, 120 Torresdale Avenue, Willowdale, Ontario, Canada, M2R 3N7; and 16 Munro Boulevard, Willowdale, Ontario, Canada, M2P 1B9, have invented certain new and useful improvements in LACTOFERIN RECEPTOR GENES OF MORAXELLA, for which invention we executed an application for Letters Patent of the United States of America on May % 199%; 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 good and valuable consideration, receipt of which is hereby acknowledged, we, the said SHEENA M. LOOSMORE; RUN-PAN DU; QUIJUN WANG; YAN-PING YANG; 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

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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 day of August , 1998.

SHEENA M. LOOSMORE

RUN-PAN DU

YAN-PING YANG

MICHEL H. KLEIN

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on this 7 day of Que , 1998, before me, the subscribers, personally appeared SHEENA M. LOOSMORE; RUN-PAN DU; QUIJUN WANG; YAN-PING YANG, 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.

PATENT REEL: 010629 FRAME: 0893

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ASSIGNMENT

WHEREAS, we, SHEENA M. LOOSMORE; RUN-PAN DU; QUIJUN WANG; YAN-PING YANG; and MICHEL H. KLEIN, all are citizens of Canada, residing respectively at 70 Crawford Rose Drive, Aurora, Ontario, Canada, L4G 4R4; 299 Chelwood Drive, Thornhill, Ontario, Canada, L4J 7Y8; 299 Chelwood Drive, Thornhill, Ontario, Canada, L4J 7Y8; Apt. 709, 120 Torresdale Avenue, Willowdale, Ontario, Canada, M2R 3N7; and 16 Munro Boulevard, Willowdale, Ontario, Canada, M2P 1B9, have invented certain new and useful improvements in LACTOFERRIN RECEPTOR GENES OF MORAXELLA, for which invention we executed an application for Letters Patent of the United States of America on May 8, 1993; 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 good and valuable consideration, receipt of which is hereby acknowledged, we, the said SHEENA M. LOOSMORE; RUN-PAN DU; QUIJUN WANG; YAN-PING YANG; 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 9th day of June

MICHEL H. KLEIN

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On this 9 day of tue, 1998, before me, the subscribers, personally appeared SHEENA M. LOOSMORE; RUN-PAN DU; QUIJUN WANG; YAN-PING YANG; 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.

RECORDED: 02/23/2000

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.