

10-14-1999

FORM PTO-1594
1-31-92

RE:



101170797

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04995.0048To the Honorable Commissioner of Patents and Trademarks
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies): <u>Raymond Schuch</u>		2. Name and address of receiving party(ies): Name: <u>The Henry M. Jackson Foundation for the Advancement of Military Medicine</u>	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address: <u>Suite 600</u>	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		Street Address: <u>1401 Rockville Pike</u> City: <u>Rockville</u> State: <u>Maryland</u> Zip Code: <u>20852</u>	
Execution Date: <u>September 27, 1999</u>		Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: A. Patent Application Number(s): <u>(60/082,944 and 09/296,670)</u> B. Patent Number(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Jean B. Fordis</u> Internal Address: <u>Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.</u>		6. Total number of applications and registrations involved: <u>Two</u> 7. Total fee (37 CFR 3.41): <u>\$80</u> <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) <input type="checkbox"/> Authorized to be charged to deposit account	
Street Address: <u>1300 I Street, N.W.</u> City: <u>Washington</u> State: <u>DC</u> Zip: <u>20005-3315</u>		8. Deposit account number: <u>06-0916</u>	
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. <u>Jean B. Fordis</u> <u>Jean B. Fordis</u> <u>Oct 11, 1999</u> Reg. No. 43,784 Signature Date 00000045 60082944 10/14/1999 NTHAI1 01 FC:561 Total number of pages including cover sheet, attachments and documents: <u>2</u>			

PATENT
REEL: 010297 FRAME: 0206

ASSIGNMENT

WHEREAS I, the below named inventor, [hereinafter referred to as Assignor], have made an invention entitled:

PROTEINS THAT DIRECT THE SECRETION OF VIRULENCE PROTEINS AND USE THEREOF TO DETECT, PREVENT, AND TREAT BACTERIAL DISEASES AND METHODS FOR DETERMINING THE EXPRESSION REQUIREMENT OF GENES

for which I filed a provisional application on April 24, 1998 (Serial No. 60/082,944) and an application for United States Letters Patent on April 22, 1999, (Serial No. 09/296,670); and

WHEREAS, The Henry M. Jackson Foundation for the Advancement of Military Medicine, a corporation of Rockville, Maryland, whose post office address is 1401 Rockville Pike, Suite 600, Rockville, Maryland 20852, (hereinafter referred to as Assignee), is desirous of securing the joint right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

County of JOHN W. WHELAN
NOTARY PUBLIC STATE OF MARYLAND
State Commission Expires July 28, 2007

ss.

Raymond SCHUCH
1950 New Hampshire Avenue, N.W., Washington, D.C. 20009

SIGNATURE

DATE

Subscribed and sworn to before me this 27 day of Oct, 1999
John W. Whelan, Notary Public

RECORDED: 10/12/1999

PATENT
REEL: 010297 FRAME: 0207