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Attorney Docket Number 7969-083

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS **Box Assignment**

Washington, DC 20231

Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	2. Name and address of receiving party(ies):
W. James Jackson and Andrea M. Harris	Name: Antex Biologics Inc.
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	Address: 300 Professional Drive
3. Nature of conveyance:	Gaithersburg, Maryland 20879
Assignment □ Merger	Country (if other than USA):
□ Security Agreement □ Change of Name	
□ Other	
Execution Date: August 30, 1999	
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 is: August 30, 1999	
A. Patent Application No.(s)	B. Patent No.(s)
091388089 Additional numbers attached? □ Yes ⋈ No	
Name and address of party to whom correspondence concerning document should be mailed:	Number of applications and patents involved: _one
PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, NY 10036	7. Total fee (37 CFR 3.41):\$ 40.00 Please charge to the deposit account listed in Section 8.
	8. Deposit account number: 16-1150
DO NOT USE THIS SPACE	
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. Geraldine F. Baldwin Name of Person Signing Reg. No. Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy August 31, 1999 Date	
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PATENT REEL: 010218 FRAME: 0748

ASSIGNMENT

WHEREAS, WE, W. James Jackson and Andrea M. Harris, ASSIGNORS, citizens of the United States, residing at 1687 Armistic Way, Marriotsville, Maryland, 21104; and 120 Alessandra Court, Apt. 112, Frederick, Maryland, 21702, are the inventors of the invention in *NEISSERIA MENINGITIDIS* POLYPEPTIDE, NUCLEIC ACID SEQUENCE AND USES THEREOF for which we have executed an application for a Patent of the United States

- which is identified by Pennie & Edmonds LLP docket no. 7969-083-999
- which is filed on even date herewith

and WHEREAS, ANTEX BIOLOGICS INC., ASSIGNEE, having a principle place of business at 300 Professional Drive, Gaithersburg, Maryland, 20879, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
Date 0/90 , 1999 W. JAMES JACKSON //
Date 8/30 , 1999 Jahren HARRIS L.S
State of SS.:
County of)
In the State of Maryland, county of Montagnery, on 8/30/, 1999 before me, Dee Ann Weller, Notary Public, personally appeared W. James Jackson personally known to me on the basis of satisfactory evidence to be them in his/her/their authorized capacity(ies), and that by
instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that be his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal Del ann Weller
State of) SS.: County of)
In the State of Mary and county of Montage M. Harris , on 8/30 1999, before me, 120 Han Weller, Notary Public, personally appeared Andrea M. Harris , personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument an acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/the signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument
WITNESS my hand and official seal

PATENT NY2 - 992390.1