

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Edwin W. Ades</td><td>08/23/2000</td></tr><tr><td>Scott E. Johnson</td><td>08/23/2000</td></tr><tr><td>Danny L. Jue</td><td>08/23/2000</td></tr><tr><td>Jacquelyn S. Sampson</td><td>08/23/2000</td></tr><tr><td>George M. Carlone</td><td>08/23/2000</td></tr></tbody></table>		Name	Execution Date	Edwin W. Ades	08/23/2000	Scott E. Johnson	08/23/2000	Danny L. Jue	08/23/2000	Jacquelyn S. Sampson	08/23/2000	George M. Carlone	08/23/2000
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<table border="1"><tr><td>Name:</td><td>The Government, represented by the Secretary, Department of Health and Human Services, Centers for Disease Control and Prevention</td></tr><tr><td>Street Address:</td><td>4770 Buford Hwy (K79)</td></tr><tr><td>Internal Address:</td><td>Technology Transfer Office</td></tr><tr><td>City:</td><td>Atlanta</td></tr><tr><td>State/Country:</td><td>GEORGIA</td></tr><tr><td>Postal Code:</td><td>30341</td></tr></table>		Name:	The Government, represented by the Secretary, Department of Health and Human Services, Centers for Disease Control and Prevention	Street Address:	4770 Buford Hwy (K79)	Internal Address:	Technology Transfer Office	City:	Atlanta	State/Country:	GEORGIA	Postal Code:	30341
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (503)228-9446 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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CH \$40.00 12360382

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PATENT
REEL: 022166 FRAME: 0420

NAME OF SUBMITTER:

Ian J. Griswold, Ph.D.

Total Attachments: 5

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A S S I G N M E N T

WHEREAS, WE, EDWIN W. ADES, 4432 Whitewater Road, Atlanta, GA 30327, USA; **SCOTT E. JOHNSON**, 4262 Theresa Way, Lilburn, GA 30047, USA; **DANNY L. JUE**, 6725 Hampshire Drive, N.W., Tucker, GA 30084, USA; **JACQUELYN S. SAMPSON**, 4220 Greentree Lane, College Park, GA 30349, USA; and **GEORGE M. CARLONE**, 5243 Sandy Shoals Lane, Stone Mountain, GA 30087; employees of the **Department of Health and Human Services**, have invented "**MULTIPLE ANTIGENIC PEPTIDES IMMUNOGENIC AGAINST STREPTOCOCCUS PNEUMONIA**", U.S. Appln. Serial No. 09/613,092, filed July 10, 2000, for which we have made application for Letters Patent of the United States.

WHEREAS, we are the applicant(s) named on the above-identified application for Letters Patent; and

WHEREAS, the conditions under which said invention was made are such as to entitle **THE UNITED STATES OF AMERICA** [hereinafter **THE GOVERNMENT**] under Paragraph 1(a) of the Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to **THE GOVERNMENT**, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the United States and within each and every foreign country in which **THE GOVERNMENT** elects to file and the entire right, title, and interest in and to such applications, and any continuations, continuations-in-part, divisions, reissues or extensions thereof, and

including priority rights as may be filed in the United States and foreign countries, and such Letters Patent as may be granted to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventors had this assignment not be made.

We further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by **THE GOVERNMENT**.

IN WITNESS WHEREOF we subscribe our hand(s) and seal(s) on the dates shown below:



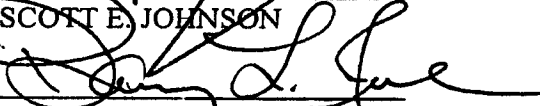
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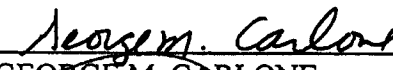
8-23-00
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8/23/02
Date

8-23-00
Date


EDWIN W. AIDES

SCOTT E. JOHNSON

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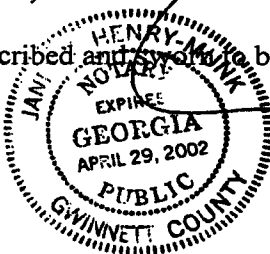


IN WITNESS WHEREOF I SUBSCRIBE MY hand and seal on the
dates shown below:

8-23-00 [Signature]
Date EDWIN W. ADES

County of DeKalb)
) SS
State of GA)

Subscribed and sworn to before this 23 day of August, 2000.



[Signature]
Notary Public - My Commission
Expires: _____

IN WITNESS WHEREOF I SUBSCRIBE MY hand and seal on the
dates shown below:

8-23-00 [Signature]
Date SCOTTE E. JOHNSON

County of DeKalb)
) SS
State of GA)

Subscribed and sworn to before this 23 day of August, 2000.



[Signature]
Notary Public - My Commission
Expires: _____

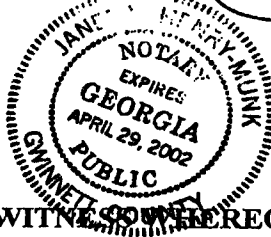
IN WITNESS WHEREOF I SUBSCRIBE MY hand and seal on the
dates shown below:

8-23-00
Date

Danny L. Joe
DANNY L. JOE

County of DEKALB
State of GA) SS

Subscribed and sworn to before this 23 day of August, 2000.



[Signature]
Notary Public - My Commission
Expires: _____

IN WITNESS WHEREOF I SUBSCRIBE MY hand and seal on the
dates shown below:

8/23/00
Date

Jacquelyn S. Sampson
JACQUELYN S. SAMPSON

County of DEKALB
State of GA) SS

Subscribed and sworn to before this 23 day of August, 2000.



[Signature]
Notary Public - My Commission
Expires: _____

IN WITNESS WHEREOF I SUBSCRIBE MY hand and seal on the
dates shown below:

8-23-00
Date

George M. Carlone
GEORGE M. CARLONE

County of DEKALB)
State of GA) SS

Subscribed and sworn to before this 23 day of April, 2000.



Notary Public - My Commission
Expires: _____