

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2826471

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE ASSIGNEE, THE UAB FOUNDATION, TO "THE UAB RESEARCH FOUNDATION" previously recorded on Reel 021579 Frame 0978. Assignor(s) hereby confirms the ASSIGNMENT OF THEIR RIGHTS TO THE UAB RESEARCH FOUNDATION.

CONVEYING PARTY DATA

Name	Execution Date
THE UAB FOUNDATION	04/18/2014

RECEIVING PARTY DATA

Name:	THE UAB RESEARCH FOUNDATION
Street Address:	701 20TH STREET SOUTH, AB 770
City:	BIRMINGHAM
State/Country:	ALABAMA
Postal Code:	35294-0107

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13890864
Patent Number:	8481054

CORRESPONDENCE DATA

Fax Number: (202)719-7049
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Phone: 202.719.7000
Email: PTODOCKET@WILEYREIN.COM
Correspondent Name: WILEY REIN LLP
Address Line 1: 1776 K STREET, NW
Address Line 2: PATENT ADMINISTRATION
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER:	86437.0003US
NAME OF SUBMITTER:	MARY SYLVIA
SIGNATURE:	/Mary Sylvia/
DATE SIGNED:	04/23/2014

Total Attachments: 3

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ASSIGNMENT

WHEREAS I/WE,

The UAB Foundation
701 20th Street Sout, AB 770
Birmingham, Alabama 3529400107

respectively ("Assignor"), have made a certain new and useful invention as set forth in U.S. Patent Application Nos. 12/097,815, filed January 29, 2010 and 13/890,864, filed May 9, 2013, entitled:

PNEUMOCOCCAL SEROTYPES

AND WHEREAS,

The UAB Research Foundation
701 20th Street South, AB 770
Birmingham, Alabama 35294-0107

respectively ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention and application, and in and to any and all Letters Patent of any country which may be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention and application, including the right to claim priority under 35 U.S.C. §119 and/or §120 the right to sue for past infringement, as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of any country which may be issued for said invention;

UPON SAID CONSIDERATION, Assignor hereby agrees with the said Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of any country on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

The undersigned hereby grant(s) the firm of WILEY REIN LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in counterparts and all such counterparts shall constitute one and the same instrument.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

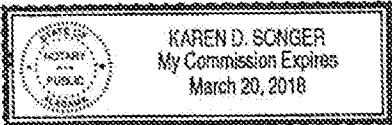
In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

4/18/2014
Date

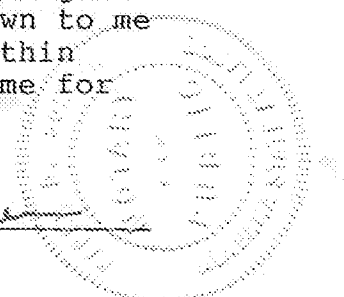
THE UAB FOUNDATION
THE UAB RESEARCH FOUNDATION
[Signature]
Representative Name: Richard B. Marchase

STATE of ALABAMA
COUNTY of JEFFERSON

On this 18th day of April, 2014 before me, the undersigned Notary Public, personally appeared Richard B. Marchase known to me to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purposes therein contained.

Comission 

[Signature]
Notary Public



This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who should sign here.

Witness _____

Signature _____

Witness _____

Signature _____

Witness _____

Signature _____

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 057909-019000

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>1. Moon H. NAHM 2. Jisheng LIN</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: THE UAB FOUNDATION Street Address: <u>AB770, 1530 3RD Avenue South</u> City: <u>Birmingham</u> State: <u>AL</u> Country: <u>USA</u> Postal Code: <u>35294-0107</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date(s): <u>September 9, 2008</u> <u>September 12, 2008</u></p>	

4. Application number(s) or patent number(s); If this document is being filed together with a new application, the filing date of the application is: _____

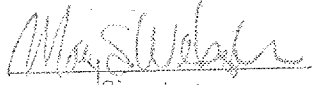
<p>A. Patent Application No.(s)</p> <p><u>Serial No. 12/097,815, filed July 17, 2008;</u> <u>PCT/US2006/049391, filed December 28, 2006;</u> <u>Serial No. 60/796,139, filed April 28, 2006; and</u> <u>Serial No. 60/754,354, filed December 28, 2005.</u></p>	<p>B. Patent No.(s)</p>
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Attorney/Agent Name: <u>Mary S. Webster</u> Firm Name: <u>Nixon Peabody LLP</u> Internal Address: <u>Suite 900</u> Street Address: <u>401 9th Street, N.W.</u> City: <u>Washington</u> State: <u>D.C.</u> Zip: <u>20004-2128</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41)..... <u>\$40.00</u></p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>19-2380 (057909-019000)</u></p> <p align="center"><small>(Attach duplicate copy of this page if paying by deposit account)</small></p>
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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.

<u>Mary S. Webster, Registration No. 37,156</u>		<u>September 19, 2008</u>
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and documents: 1

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450