

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>Moon H. Nahm</td> <td>12/03/2012</td> </tr> <tr> <td>In Ho Park PhD.</td> <td>12/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Moon H. Nahm	12/03/2012	In Ho Park PhD.	12/03/2012
Name	Execution Date						
Moon H. Nahm	12/03/2012						
In Ho Park PhD.	12/03/2012						
RECEIVING PARTY DATA							
Name:	UAB Research Foundation						
Street Address:	AB 770, 1720 2nd Avenue South						
City:	Birmingham						
State/Country:	ALABAMA						
Postal Code:	35294-0107						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12601896</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12601896		
Property Type	Number						
Application Number:	12601896						
CORRESPONDENCE DATA							
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Total Attachments: 2 source=Executed_InventorAssignment#page1.tif source=Executed_InventorAssignment#page2.tif							

CH \$40.00 12601896

ASSIGNMENT

WHEREAS I/WE,

Moon H. Nahm
4913 Brandywood Circle
Birmingham, AL 35223

In Ho Park, PhD.
Center for Vaccine Evaluation and Study
Medical Research Institute
Ewha Womans University
Medical Building B 5th floor
911-1 Mokdong, Yangcheon-gu
Seoul 158-710, SOUTH KOREA

respectively ("Assignor"), have made a certain new and useful invention as set forth in U.S. Provisional Application Nos. 60/924,703 and 60/924,704, filed on May 29, 2007; International Patent Application No. PCT/US08/064951, filed May 28, 2008; and U.S. Patent Application No. 12/601,896, filed on May 4, 2010, for United States Letters Patent entitled:

PNEUMOCOCCAL SEROTYPE 6D

AND WHEREAS,

UAB RESEARCH FOUNDATION
AB 770, 1720 2nd Avenue South
Birmingham, AL 35294-0107
USA

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 BAKER & HOSTETLER 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).

12/3/12
Date

Moon H. Nahm
Name: Moon H. Nahm

Dec. 3rd 2012.
Date

In Ho Park
Name: In Ho Park

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 KAREN SONGER

Signature Karen Songer

Witness DEBORAH BIDANSET

Signature DJ Bidanset

Witness _____

Signature _____