

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID WEINER	07/29/2015
VERONICA SCOTT	07/29/2015
NATALIE HUTNICK	01/19/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
<b>Street Address:</b>	3160 CHESTNUT STREET
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<b>City:</b>	PHILADELPHIA
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19104
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	61799094
<b>PCT Number:</b>	US1426974
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	206108-0025-00-US.604534
<b>NAME OF SUBMITTER:</b>	DARRYL PRATCHER
<b>SIGNATURE:</b>	/DARRYL PRATCHER/
<b>DATE SIGNED:</b>	02/18/2016
<b>Total Attachments: 4</b>	

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## ASSIGNMENT

**WHEREAS**, we, **David Weiner**, a citizen of the United States of America, having a mailing address of 717 Beacom Lane Merion, Pennsylvania 19066; **Veronica Scott**, a citizen of the United States of America, having a mailing address of 437 W. School House Lane, Apt. C8, Philadelphia, Pennsylvania 19144; and **Natalie Hutnick**, a citizen of the United States of America, having a mailing address of 110 Brandywine Road, Malvern, Pennsylvania 19355, hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

### **MONO OR MULTIVALENT BOTULINUM NEUROTOXIN BASED VACCINE USING THE HEAVY CHAIN FROM SEROTYPES OF CLOSTRIDIUM BOTULINUM**

for which we have executed a PCT International Patent Application, Application No. PCT/US2014/026974, filed March 14, 2014, based on U.S. Provisional Patent Application No. 61/799,094, filed March 15, 2013.

**WHEREAS**, **The Trustees Of The University Of Pennsylvania** hereinafter referred to as the assignee, of **3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104**, a university of higher education in Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said provisional application, and to any patent application(s) corresponding thereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

**NOW, THEREFORE**, for and in exchange for valuable consideration from the receipt of which is hereby acknowledged and intending to be bound, we, the said ASSIGNORS, have sold, assigned, transferred and set over, effective as of the execution date of this assignment and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said provisional application and any and all corresponding patent application(s) and continuations, divisions and renewals of and substitutes for said corresponding patent application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in my name corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

**AND** we hereby covenant 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 further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and we agree to communicate to said

assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

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 of applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

7/29/15  
Date

[Signature] (Seal)  
David Weiner

STATE OF Pennsylvania :

: ss.

COUNTY OF Philadelphia :

Before me, a notary public in and for the State and County aforesaid, on this 29<sup>th</sup> day of July, 2015, personally appeared **David Weiner**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

[Signature]  
Notary Public  
My Commission Expires: 2/26/2017

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Jessica Coyle Brennan, Notary Public  
City of Philadelphia, Philadelphia County  
My Commission Expires Feb. 26, 2017  
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES



\_\_\_\_\_  
Date **Veronica Scott** (Seal)  
STATE OF \_\_\_\_\_ :  
: ss.  
COUNTY OF \_\_\_\_\_ :

Before me, a notary public in and for the State and County aforesaid, on this \_\_\_ day of \_\_\_\_\_, 20\_\_\_, personally appeared **Veronica Scott**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

\_\_\_\_\_  
**Notary Public**  
My Commission Expires:

19 Jan 2016 \_\_\_\_\_  
Date **Natalie Hutnick** (Seal)

STATE OF Pennsylvania \_\_\_\_\_ :  
: ss.  
COUNTY OF Berks \_\_\_\_\_ :

Before me, a notary public in and for the State and County aforesaid, on this 19<sup>th</sup> day of January, 2016, personally appeared **Natalie Hutnick**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

**COMMONWEALTH OF PENNSYLVANIA**  
**NOTARIAL SEAL**  
**ZACHARY BIECHY, Notary Public**  
**Exeter Township, Berks County**  
**My Commission Expires April 30, 2017**

\_\_\_\_\_  
**Notary Public**  
My Commission Expires: April 30, 2017