PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| SIMON HUFTON | 06/19/2014 |

RECEIVING PARTY DATA

| Name: | THE SECRETARY OF STATE FOR HEALTH |
|-------------------|-----------------------------------|
| Street Address: | RICHMOND HOUSE |
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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14342376 |

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| ATTORNEY DOCKET NUMBER: | 100923.000005 | |
|-------------------------|-------------------|--|
| NAME OF SUBMITTER: | JOYCE VALENTINE | |
| SIGNATURE: | /Joyce Valentine/ | |
| DATE SIGNED: | 06/24/2014 | |

Total Attachments: 2

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PATENT 502865729 REEL: 033171 FRAME: 0412

DOCKET NO.: 100923.000005

ASSIGNMENT

WHEREAS, I, Simon HUFTON, citizen of Great Britain, with a mailing address at c/o National Institute for Biological Standard and Control, Blanche Lane, South Mimms, Potters Bar, Hertfordshire EN6 3QG UNITED KINGDOM, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 100923.000005 ("the invention"), which is entitled INFLUENZA VIRUS ANTIBODY COMPOSITIONS ("the subject application"), and assigned U.S. Patent Application No. 14/342,376, filed February 28, 2014, a U.S. national phase application of International Application No. PCT/GB2012/052164, filed September 3, 2012, and which claims priority to patent application number GB1115214.7 filed September 2, 2011 ("the priority application").

AND WHEREAS, The Secretary of State for Health, ASSIGNEE, having a place of business at Richmond House, 79 Whitehall, London SW1A 2NS, UNITED KINGDOM, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

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

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in

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the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

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Signature of Witness