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Daniel TODD
Brian ADAIR
Mildred WYLIE
Neris BALLAdditional name(s) of conveying party(ies) attached ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: Correction _____

Execution Date: November 28, 2008

2. Name and address of receiving party(ies):

THE QUEEN'S UNIVERSITY OF BELFAST
University Road Northern Ireland
Belfast BT7 1NN
UNITED KINGDOMAdditional name(s) & addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No.(s)

12/087,477

B. Patent No.(s)

Additional numbers attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

DANIEL A. MONACO
Drinker Biddle & Reath LLP
One Logan Square
18th and Cherry Streets
Philadelphia, PA 19103-6996Attorney Docket No. 36290-0588-00-US (426129)6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed
☒ authorized to be charged to deposit account

8. Deposit Account Number: 50-0573

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9. 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.

DANIEL A. MONACO

Name of Person Signing



Signature

December 2, 2008

Date

Total number of pages including cover sheet, attachments, and document: 6

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ATTORNEY DOCKET NO. 36290-0588-00-US

ASSIGNMENT

WHEREAS, we, citizens of the United Kingdom, with a post office address as follows:

Daniel Todd

The Queen's University of Belfast, University Road, Belfast BT7 1NN,
United Kingdom

Brian Adair

The Queen's University of Belfast, University Road, Belfast BT7 1NN,
United Kingdom

Mildred Wylie

The Queen's University of Belfast, University Road, Belfast BT7 1NN,
United Kingdom

Neris Ball

The Queen's University of Belfast, University Road, Belfast BT7 1NN,
United Kingdom

hereinafter generally referred to as "ASSIGNORS" have invented a certain new and useful

CHICKEN VIRUS VACCINE AND DIAGNOSTIC

for which we have on January 4, 2007 filed International Patent Application number PCT/GB2007/050005, which designates the United States, and,

WHEREAS, THE QUEEN'S UNIVERSITY OF BELFAST, having a post office address of University Road Northern Ireland, Belfast BT7 1NN, United Kingdom, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

PHIP/ 702758.1

- 1 -

PATENT
REEL: 021916 FRAME: 0940

ATTORNEY DOCKET NO. 36290-0588-00-US

in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories, and

in and to the above application for Letters Patent, including any continuing and/or divisional applications therefor, any provisional applications identified in the above application, and any and all United States Letters Patent which may be granted on said application(s) including reissues and reexaminations of such Letters Patent;

said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

IN TESTIMONY WHEREOF, we have hereunto set our hand on the dates indicated below.


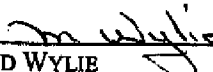
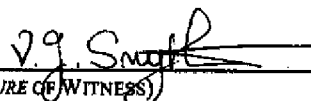
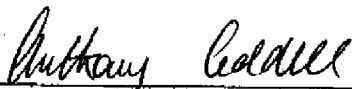
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DATE


DANIEL TODD (L.S.)


(SIGNATURE OF WITNESS)

VICTORIA J SMYTH
(PRINTED NAME OF WITNESS)

ATTORNEY DOCKET NO. 36290-0588-00-US

28/11/08
DATE (L.S.)
BRIAN ADAIR
(SIGNATURE OF WITNESS)ELAINE MCNEILLY
(PRINTED NAME OF WITNESS)28/11/08
DATE (L.S.)
MILDRED WYLIE
(SIGNATURE OF WITNESS)VICTORIA J SMYTH
(PRINTED NAME OF WITNESS)28/11/08
DATE (L.S.)
NERIS BALL
(SIGNATURE OF WITNESS)ANTHONY CHADELL
NERIS W. BALL
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DB&R**Drinker Biddle & Reath**

One Logan Square
18th & Cherry Streets
Philadelphia, PA 19103-6996
■ 215-988-2700

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TO: Assignment Division FROM: Daniel A. Monaco DIRECT DIAL: 215-988-3312DATE: December 2, 2008 DOCUMENT NAME: Assignment RecordationNUMBER OF PAGES: INCLUDING COVER 4TELEPHONE NUMBER: _____ FAX NUMBER: 571-273-0140

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Client/Matter No.: 36290-0588-00-US (426129)

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I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, is being facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.

BY

Anissa A. Setzler
Anissa A. SetzlerDATE: December 2, 2008