## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD	08/15/2011

### **RECEIVING PARTY DATA**

Name:	ISIS INNOVATION LIMITED
Street Address:	University Offices
Internal Address:	Wellington Square
City:	Oxford
State/Country:	UNITED KINGDOM
Postal Code:	OX1 2JD

### PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	12148711
Patent Number:	7384774
Patent Number:	6649372
Patent Number:	6544785
Application Number:	60143645

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 002257-0001-701

**PATENT** 

REEL: 026836 FRAME: 0914

F \$200 00 12/487/1

NAME OF SUBMITTER:	Tracy W. Chu	
Total Attachments: 3 source=002257_0001_701_Oxford_ISIS_Conf_Asgmt#page1.tif source=002257_0001_701_Oxford_ISIS_Conf_Asgmt#page2.tif source=002257_0001_701_Oxford_ISIS_Conf_Asgmt#page3.tif		

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### **CONFIRMATORY ASSIGNMENT**

We, THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD ("THE UNIVERSITY OF OXFORD"), having administrative offices at University Offices, Wellington Square, Oxford OX1 2JD, England, hereby confirm that, pursuant to a Disclosure and Assignment of New Technology (ISIS Project No. RFC/274) with George G. Brownlee and Ervin Fodor and ISIS INNOVATION LIMITED, a wholly-owned subsidiary, and the technology transfer company, of THE UNIVERSITY OF OXFORD, registered in England and Wales (No. 02199542) and having an office and place of business at University Offices, Wellington Square, Oxford OX1 2JD, England, we have assigned, sold, and transferred to ISIS INNOVATION LIMITED, its successors and assigns:

- (1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in:
- (a) United States Patent Application No. 12/148,711, filed April 22, 2008, as a continuation application of United States Patent Application No. 10/652,912, entitled: RECOMBINANT NEGATIVE STRAND RNA VIRUS EXPRESSION SYSTEMS AND VACCINES;
- (b) United States Patent Application No. 10/652,912, filed August 28, 2003, as a continuation application of United States Patent Application No. 09/724,412, and issued as United States Patent 7,384,774 on June 10, 2008, entitled: <u>HELPER-FREE RESCUE OF RECOMBINANT NEGATIVE STRAND RNA VIRUS</u>;

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- (d) United States Patent Application No. 09/616,527, filed July 14, 2000, issued as United States Patent 6,544,785 on April 8, 2003, entitled: <u>HELPER-FREE RESCUE OF RECOMBINANT NEGATIVE STRAND RNA VIRUSES</u>; and
- (e) United States Provisional Application No. 60/143,645, filed July 14, 1999, entitled: IN VITRO VIRUS RECONSTITUTION,

including any applications and patents claiming priority therefrom, and any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of <u>ISIS INNOVATION LIMITED</u>, its designee, or in my/our names at <u>ISIS INNOVATION LIMITED</u>'s or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent that claims priority therefrom in the United States or in any other country of the world and any renewals, revivals, reissues, reexaminations and extensions, including supplementary protection certificates, of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent claiming priority from or benefit of the above applications in the United States and throughout the world to <u>ISIS INNOVATION LIMITED</u> as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of <u>ISIS INNOVATION LIMITED</u> to execute and to deliver to <u>ISIS INNOVATION LIMITED</u> any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions, including supplementary protection certificates, thereof.

I/We further agree at any time to execute and to deliver upon request of <u>ISIS</u>

<u>INNOVATION LIMITED</u> such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of <u>ISIS INNOVATION LIMITED</u> under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

It is our intention that this Assignment be effective and all rights transferred herein shall be considered to have vested in <u>ISIS INNOVATION LIMITED</u> no later than 14 July 1999.

IN TESTIMONY WHEREOF, I/we have hereunto signed my name on the date indicated hereinafter.

THE	CHANCELLOR	. MASTERS AND	SCHOLARS OF	THE UNIVERSITY	Y OF OXFORD

By:  Name: Title:  IP Rights Manager Research Services University of Oxford	15 Angust 201 Date
WITNESS:	
STEVEN BAYLISS	15 - August - 2011
Name:	Date
Johnay.	
LINDA NAYLOR.	<u> 15/8/2011 .                                   </u>
Name:	Date

## ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of  $\underline{\text{ISIS INNOVATION}}$   $\underline{\text{LIMITED}}$ .

Ву:	M	17 August 2011
Name: Title:	Mr T. Hockaday Managing Director Isis Innovation Ltd	Date
WITNESS:	,	
25		17 August 2011
Name: Stevi	EN BAYLISS .	Date
Name: Lu	Incoli NA RAYING	17   8   2011 Date

RECORDED: 08/31/2011