PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kieran CLARKE	05/03/2011

RECEIVING PARTY DATA

Name:	Isis Innovation Limited	
Street Address:	Ewert House, Ewert Place	
Internal Address:	Oxford	
City:	Summertown	
State/Country:	UNITED KINGDOM	
Postal Code:	OX2 7SG	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13031006

CORRESPONDENCE DATA

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Address Line 4: Boston, MASSACHUSETTS 02109-1775

ATTORNEY DOCKET NUMBER: 513744 BA9-001US

NAME OF SUBMITTER: James H. Velema

Total Attachments: 2

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PATENT

REEL: 026905 FRAME: 0273

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ASSIGNMENT

WHEREAS, I, **Kieran Clarke** of Department of Physiology, Anatomy and Genetics, Sherrington Building, Parks Road, Oxford OX1 EPT, Great Britain; a citizen of Great Britain, have invented a new and useful improvement in

HYDROXYBUTYRATE ESTER AND MEDICAL USE THEREOF

U.S. Patent Application 13/031,006, Filed February 18, 2011

for which I am about to make or have made application for Letters Patent of the United States; and

WHEREAS, Isis Innovation Limited, a business having its principal place of business at Ewert House, Ewert Place, Summertown, Oxford OX2 7SG, Great Britain, is desirous of acquiring all rights, title and interests in and to said invention, said application(s), and in and to any and all Letters Patent which may be granted for or upon said invention and application(s) in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I, Kieran Clarke, have sold, assigned and transferred, and by these presents do sell, assign and transfer, unto said Isis Innovation Limited, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
 - (b) said application(s);
- (c) any and all refilings, divisions, continuations and continuations-in-part of said application(s);
- (d) any and all Letters Patent of the United States of America which may issue from said application(s), refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all application(s) for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;

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- (g) any and all refilings, divisions and continuations of said foreign-filed application(s);
- (h) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed application(s), refilings, divisions and continuations; and
- (i) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

I, Kieran Clarke, further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Isis Innovation Limited or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application(s), said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

All of the above shall be held and enjoyed by said Isis Innovation Limited for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

3/5/11	Ka Cal	
Date:	Kieran Clarke	
Signed in my presence and acknowledge	ed to be an assignment of the application herein above referred to:	
WITNESS		
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Signed At (City/State)		
Oxfor)		
Name		
Mas Kale Spand		
Signature		
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