

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
George Andrew Davidson Briggs	02/19/2010
Arzhang Ardavan	02/19/2010
<b>RECEIVING PARTY DATA</b>	
Name:	Isis Innovation Limited
Street Address:	Ewert House
Internal Address:	Ewert Place
City:	Summertown, Oxford
State/Country:	UNITED KINGDOM
Postal Code:	OX1 3PU
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12665828
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(414)978-8791
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	414-277-5000
Email:	pat-dept@quarles.com
Correspondent Name:	QUARLES & BRADY LLP
Address Line 1:	411 E. WISCONSIN AVENUE
Address Line 2:	SUITE 2040
Address Line 4:	MILWAUKEE, WISCONSIN 53202-4497
ATTORNEY DOCKET NUMBER:	480821.00018
NAME OF SUBMITTER:	Tracey A. Baxter
Total Attachments: 1 source=48082100018execassg#page1.tif	

CH \$40.00 12665828

**501175788**

**PATENT**  
**REEL: 024383 FRAME: 0098**

USA

J A Kemp Ref: N.101798B

# ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- (1) George Andrew Davidson BRIGGS a citizen of United Kingdom of:  
University of Oxford Department of Materials Parks Road Oxford OX1 3PH  
United Kingdom
- (2) Arzhang ARDAVAN a citizen of United Kingdom of:  
University of Oxford Condensed Matter Physics Clarendon Laboratory  
Oxford OX1 3PU United Kingdom

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (5)

ISIS INNOVATION LIMITED

(Address) (6) of

Ewert House Ewert Place Summertown Oxford OX2 7SG United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) (7)

in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(Title)

(8) ATOMIC CLOCK

(Case No) QBLLP-  
ACTIVE.FID3481330  
1

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(9) on

or has already filed in

(10) U.S. appln Serial Number 12/665,828

filed on

(11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made

1) The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid United States patent to the Assignee.

3) The undersigned hereby authorize(s) and request(s) the Communication of Patents to issue any and all Letters patent of the United States resulting from said application or any division or divisions or continuing thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

4) The undersigned hereby grant(s) the firm of Quarles & Brady LLP the power to insert on this assignment any further identification which may be necessary to desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date 19 Feb 2010 Signature of Inventor G.A.D. Briggs (1)

Date 19 Feb 2010 Signature of Inventor A. Ardaavan (2)

Witnessed by

Witness [Signature] Date 19 Feb 2010

Witness [Signature] Date 19 Feb 2010

PATENT

RECORDED: 05/13/2010

REEL: 024383 FRAME: 0099