

11-16-2009

SHEET

Our Ref.: ARC-117-689



103580650

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

11-01-11

<p>1. Name of conveying party(ies):  1 Simon Martin HOOKER  2 Anthony Joseph GONSALVES  3 Dino Anthony JAROSZYNSKI  4 Wim Pieter David LEEMANS</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Assignment      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other</p> <p>Execution Date: <u>October 27, 1, 4, 2009; Sept. 30, 2009</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: ISIS INNOVATION LIMITED  Street Address: Ewart House, Ewart Place, Summertown  City: Oxford  State/Country: United Kingdom      Zip: OX2 7SG</p> <p>2) Name  Street Address:  City:  State:      Zip:</p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s).  (1) 12/440,799  (2)  (3)</p>	<p>B. Patent No(s).  (1)  (2)  (3)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Arthur R. Crawford</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon &amp; Vanderhye P.C.</u>  <u>901 North Glebe Road</u>  <u>11th Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u></p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u>  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No. 14-1140.</b></p>
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DO NOT USE THIS SPACE

9. Statements and signature.  
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.

<u>Arthur R. Crawford</u> Name of Person Signing Reg. No. 25,327	 Signature	<u>November 10, 2009</u> Date
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Total number of pages including **original** cover sheet, attachments, and document: [3]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

11/12/2009 LLANDGRA 00000077 1344 785

DE FD:8021

40.00 DP

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- (1) **Simon Martin HOOKER** a citizen of United Kingdom of: **University of Oxford Atomic and Laser Physics Clarendon Laboratory Oxford OX1 3PU United Kingdom**
- (2) **Anthony Joseph GONSALVES** a citizen of United Kingdom of: **University of Oxford Atomic and Laser Physics Clarendon Laboratory Oxford OX1 3PU United Kingdom**
- (3) **Dino Anthony JAROSZYNSKI** a citizen of United Kingdom of: **Department of Physics University of Strathclyde John Anderson Building 107 Rottenrow Glasgow G4 0NG United Kingdom**
- (4) **Wim Pieter LEEMANS** a citizen of United States of America of: **Lawrence Berkeley National Laboratory Building 71 Room 0259 1 Cyclotron Road Berkeley CA 94720 United States of America**

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 British body corporate**

(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 granted therefor, known as

(Title) (8)

**CHARGED PARTICLE ACCELERATOR AND RADIATION SOURCE** (Case No) **ARC-117-689**

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 12/440,799 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 **Nixon and Vanderhye PC** 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 27/10/2009 Signature of Inventor *Simon Hooker* (1)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (2)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (3)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (4)

Witnessed by  
Witness ANDREA CAVALIERI Date 27-10-09  
Witness GIANLUCA GREGORI Date 27/10/09

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(Inventors)

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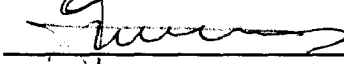
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (1)

Date 10/01/09 Signature of Inventor  \_\_\_\_\_ (2)

Date 4/11/09 Signature of Inventor  \_\_\_\_\_ (3)

Date 9/30/09 Signature of Inventor  \_\_\_\_\_ (4)

Witnessed by Oliver Wong Date 10/6/09

Witness Cathy Vanecek Date 10/6/09