

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Christopher McGuigan</td><td>10/19/2006</td></tr><tr><td>Antonella Carangio</td><td>01/16/2007</td></tr><tr><td>Bruce Caterson</td><td>10/18/2006</td></tr><tr><td>Clare Elizabeth Hughes</td><td>10/18/2006</td></tr><tr><td>Clare Louise Curtis</td><td>01/03/2007</td></tr></tbody></table>	Name	Execution Date	Christopher McGuigan	10/19/2006	Antonella Carangio	01/16/2007	Bruce Caterson	10/18/2006	Clare Elizabeth Hughes	10/18/2006	Clare Louise Curtis	01/03/2007	
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RECEIVING PARTY DATA													
Name:	University College Cardiff Consultants Limited												
Street Address:	56 Park Place												
Internal Address:	P.O. Box 497												
City:	Cardiff												
State/Country:	UNITED KINGDOM												
Postal Code:	CF1 3XR												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10586101</td></tr></tbody></table>	Property Type	Number	Application Number:	10586101									
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CORRESPONDENCE DATA													
Fax Number:	(877)769-7945												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Correspondent Name:	Christine A. Goddard, Ph.D.												
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ATTORNEY DOCKET NUMBER:	21439-002US1												
NAME OF SUBMITTER:	Christine A. Goddard												

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PATENT

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REEL: 019349 FRAME: 0638

Total Attachments: 4

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ASSIGNMENT

For valuable consideration, we, Christopher McGuigan, of 2 Alfreda Road, Whitchurch, Cardiff CF14 2EH, United Kingdom; Antonella Carangio, of Via delle Agostiniane 33, ³⁷¹²⁷~~137127~~ *A. Carangio* Verona, Italy; Bruce Caterson, of 1 Sneyd St., Cardiff CF11 9DL, United Kingdom; Clare Elizabeth Hughes, of 1 Sneyd St., Cardiff CF11 9DL, United Kingdom; and Clare Louise Curtis, of 70 Mosley Rd., Stroud, Gloucestershire GL5 4LU, United Kingdom; hereby assign to UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, a corporation of the United Kingdom, having a place of business at 56 Park Place, P.O. Box 497, Cardiff CF1 3XR, United Kingdom, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PHOSPHORAMIDATE DERIVATIVES, filed July 14, 2006, and assigned U.S. Serial Number 10/586,101, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 19-10-06

C.M. McGuigan
CHRISTOPHER MCGUIGAN

Witnessed by:

Name: C.M. McGuigan

Date: 19-10-2006

Name: H. Murphy

Date: 19/10/06

DATE: 16/01/2007

Antonella Carangio
ANTONELLA CARANGIO

Witnessed by:

Name: John Gertie

Date: 16 Jan 2007

Name: James Farrell

Date: 16 Jan 2007

DATE: 18-10-2006

Bruce Caterson
BRUCE CATERSON

Witnessed by:

Name: CM Spina

Date: 18-10-06

Name: Julie Harris

Date: 18/10/06

DATE: 18/10/2006

Clare Elizabeth Hughes
CLARE ELIZABETH HUGHES

Witnessed by:

Name: CM Spina

Date: 18-10-06

Name: Julie Harris

Date: 18/10/06

DATE: 3/1/07

C.L. Curtis
CLARE LOUISE CURTIS

Witnessed by:

Name: JW Mocking

Date: 3/1/07

Name: JM. Hobday

Date: 3/1/07

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