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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jonathan Joseph Powell	03/17/2008
Sylvaine Francoise Aline Bruggraber	03/17/2008
Nuno Jorge Rodrigues Faria	03/17/2008
Dora Isabel Amaral Pereira	03/17/2008

RECEIVING PARTY DATA

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Street Address:	20 Park Crescent	
City:	London	
State/Country:	UNITED KINGDOM	
Postal Code:	W18 1AL	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12026861

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NAME OF SUBMITTER:	Patrick J. Hagan

Total Attachments: 4

PATENT REEL: 021879 FRAME: 0562

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> PATENT REEL: 021879 FRAME: 0563

ASSIGNMENT OF INVENTION AND RELATED INTELLECTUAL PROPERTY RIGHTS

Parties:

1 'The Assignors'

Jonathan Joseph POWELL of 145 Histon Road, Cambridge CB4 3JD, United Kingdom

Sylvaine Françoise Aline BRUGGRABER of 15 Harbour Avenue, Comberton, Cambridgeshire CB3 7DD, United Kingdom

Nuno Jorge Rodrigues FARIA of 41 Clover Avenue, Bedford MK14 0TT, United Kingdom

Dora Isabel Amaral PEREIRA of 58 Aberdeen Avenue, Cambridge CB2 8DZ, United Kingdom

2 'The Assignee'

MEDICAL RESEARCH COUNCIL

20 Park Crescent, London W18 1AL

Recitals:

- (A) The Assignors are the joint inventors of the invention or inventions entitled LIGAND MODIFIED POLY OXO-HYDROXY METAL ION MATERIALS, THEIR USES AND PROCESSES FOR THEIR PREPARATION ("the Invention") for which International PCT Application No. PCT/GB2008/000408, United Kingdom Patent Application No. 0802214.7 and United States Patent Application No. 12/026861 have been filed ("the Applications").
- (B) In pursuance of an agreement made between the parties before the Applications were filed the Assignors have agreed to assign to the Assignee for the consideration hereinafter mentioned all such rights title and interest as they each may own in to and under the Invention and the Applications for all countries designated therein including (but not limited to) the designation of the United States of America in the PCT application.

Operative provisions:

In consideration for the payment of £1.00 by the Assignee to each of the Assignors the receipt and sufficiency of which are hereby acknowledged by the Assignors:

- 1 The Assignors hereby sell and assign to the Assignee absolutely and free from incumbrances:
- 1.1 all such rights title and interest as they each may own (including but not limited to priority rights) in Canada and the United States and all other countries of the world in to under and arising from the Invention and the Applications and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any applications that may be filed in the future claiming priority from any of the aforesaid applications and any and all patents that may be granted pursuant PATENT

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thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;

- 1.2 all such rights as each may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in the Assignee or its successors or assigns;
- 1.3 all such rights as each may have (if any) to claim priority from all patent applications (if any) from which priority is claimed in the Applications in any and all applications for patent protection for the Invention, such rights to be enjoyed by the Assignee with effect from the date of filing of the Applications;

to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Assignors or any of them had this assignment not been made.

- The Assignors and the Assignee hereby GRANT the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any patent applications in Canada or the United States or any other countries or regions of the world which fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of the United States Patent Office or the Canadian Patent Office or any other intellectual property office for recordation of this document. It is understood and agreed that the Assignee's attorneys Mewburn Ellis LLP have not represented the Assignors and will continue to represent only the Assignee and its successors in title with respect to the Invention and all patent applications relating thereto.
- Assignee or its successors or assigns he or she will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.
- 4 The Assignors hereby request the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of the Assignee or its successors or assigns in accordance with this assignment.
- This assignment and undertaking shall be binding upon the Assignors' heirs, executors, administrators, successors and/or assigns and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.
- 6 This agreement shall be governed by and interpreted in accordance with the laws of England, and the courts of England shall have exclusive jurisdiction to settle any disputes which may arise in connection with this agreement.

AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto

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SCHEDULE (if any)

SIGNED by)
Jonathan Joseph POWELL	
at:MRC-HNR, Cambridge	
on: 1.7/03./08) Signature: Call Call
in the presence of:)
Witness /	
Signature: M. Apa Eyre	
Name: Philippa Eyne	
Address: 37 Spring Lave	
Bottisham	
Cambs CB25 9BL	
SIGNED by)
Sylvaine Francoise Aline BRUGGRABER)
at: NRC HAYR Cambridge	
on: 17/03/2008) Signature: State of the State
in the presence of: /)
Witness (1) /- // /	
Signature:	
Name: PETER WASHIP	
Address: 3 TERN/ GARDENS	
Charretis	
CAMBRIDGESWRET PELG GDX	
SIGNED by)
Nuno Jorge Rodrigues FARIA)
at: MRC-HNR Combolye) // //
on: 17/03/2018) Signature: Management
in the presence of:)
Witness	
Signature: (Strutchurron)	
Name: CAROL HUTCHINSON.	
Address: 123 JOHN RUJKIN STR	PCT .
SEE MAA	

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SIGNED by Dora Isabel Amaral PEREIRA at: MRC HNR Cambridge on: 17/03/2008)) Signature:
in the presence of:	•
Signature: SARAH RATCUSTE	
Address: Hughes Hau Cambridge CBI 2EW	
SIGNED for and on behalf of)
MEDICAL RESEARCH COUNCIL)
at: 20 Park Crescent	A = A
on: 19 12 Narch 2008) Signature:
in the presence of:	Name: Graham L Wagner
Witness Signature: M USS	Position: Associate Director Licensing and Agreements Medical Research Council Technology
Name: Suzannah Hargneaves	
Address: 20 Park Crescent London WiBiAL	

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RECORDED: 11/24/2008