

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Stuart Hamilton RALSTON	02/28/2011
Iain Robert GREIG	03/14/2011
Aymen Ibrahim Idris MOHAMED	02/28/2011
Robert Jurgan VAN 'T HOF	02/25/2011
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN
Street Address:	REGENT WALK
Internal Address:	ABERDEEN
City:	ABERDEENSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	AB24 3FX
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11628084
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ATTORNEY DOCKET NUMBER:	BJS-620-463
NAME OF SUBMITTER:	B. J. Sadoff

OP \$40.00 11628084

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**PATENT
 REEL: 026004 FRAME: 0983**

Total Attachments: 5

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**ASSIGNMENT OF INVENTION
AND RELATED INTELLECTUAL PROPERTY RIGHTS**

Parties:

1 'The Inventors'

STUART HAMILTON RALSTON

of Bone Group, Molecular Medicine Centre, Western General Hospital, Edinburgh,
EH4 2XU, United Kingdom

IAIN ROBERT GREIG

of Institute of Medical Sciences, University of Aberdeen, Medical School, Foresterhill,
Aberdeen, Aberdeenshire, AB25 2ZD, United Kingdom

AYMEN IBRAHIM IDRIS MOHAMED

of Bone Group, Molecular Medicine Centre, Western General Hospital, Edinburgh,
Lothian, EH4 2XU, United Kingdom

ROBERT JURGEN VAN 'T HOF

of Bone Group, Molecular Medicine Centre, Western General Hospital, Edinburgh,
Lothian, EH4 2XU, United Kingdom

2 'The Assignee'

THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN

of Regent Walk, Aberdeen, Aberdeenshire, AB24 3FX, United Kingdom

Recitals:

- (A) The Inventors are the joint inventors of the invention or inventions entitled *Therapeutic Agents for the Treatment of Bone Conditions* (hereinafter referred to as "the Priority Invention") for which United Kingdom patent application No 0412553.0 (hereinafter referred to as "the Priority Application") was filed on 04 June 2004.
- (B) The Priority Application was filed in the name of the Assignee.
- (C) The Inventors are the joint inventors of the invention or inventions entitled *Aryl Alkyl Sulfonamides as Therapeutic Agents for the Treatment of Bone Conditions* (hereinafter referred to as "the PCT Invention") for which International (PCT) patent application No PCT/GB2005/002043 (hereinafter referred to as "the PCT Application") was filed on 23 May 2005.
- (D) The PCT Application was filed in the name of the Assignee (in respect of all designations except US) and in the name of the Inventors (in respect of the designation of US, as required by US law).
- (E) The Inventors are (and were at all material times) employed by the Assignee to carry out the research from which the Priority Invention and the PCT Invention arose.

- (F) The Priority Invention and the PCT Invention were made by the Inventors in the course of their employment with the Assignee, in circumstances which satisfy the conditions set out in Section 39(1) (a) or (b) of the United Kingdom Patents Act 1977. By virtue of Section 39(1) of the said Patents Act, for the purposes of that Act and for all other purposes, the Invention belongs, as between the Inventors and the Assignee, to the Assignee absolutely.
- (G) For the avoidance of doubt and in case for any reason the Priority Invention and the PCT Invention do not belong to the Assignee by virtue of Section 39(1) of the said Patents Act, the Inventors have agreed to execute this Assignment in order to confirm and ensure that, as between them and the Assignee, all their contributions to the Priority Invention and the PCT Invention and all their rights title and interest in, to, under and arising from the Priority Application and the PCT Application belong to the Assignee.

Operative provisions:

- 1 In consideration for the payment of £1.00 by the Assignee to each of the Inventors (the receipt and sufficiency of which are hereby acknowledged by the Inventors), and to the extent that they have not already done so, the Inventors hereby sell and assign to the Assignee absolutely and free from incumbrances:
- 1.1 all their rights title and interest in the United States and all other countries of the world in, to, under and arising from: the Priority Invention; all patent applications derived therefrom; the Priority Application; any and all patent applications linked by priority to the Priority Application; the PCT Invention; all patent applications derived therefrom; and the PCT Application, including any and all national and regional phase applications arising therefrom; and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant 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;
- 1.2 all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Priority Invention and the PCT Invention to the intent that the grant of any patents or other intellectual property protection for the Priority Invention and the PCT Invention shall be in the name of and shall vest in the Assignee or its successors or assigns; and
- 1.3 all such rights as they may have to claim priority from the Priority Application in any and all applications for protection for the Priority Invention, such rights to be enjoyed by the Assignee with effect from the date of filing of the Priority Application;


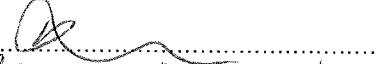
to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Inventors had this assignment not been made.

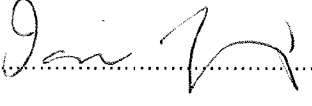
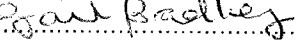
- 2 The Inventors and the Assignee hereby GRANT the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any future patent applications in any countries or regions of the world which shall fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of any intellectual property office for recordation of this document. It is understood and agreed that the Assignee's attorneys Mewburn Ellis LLP have represented only the Assignee and will continue to represent only the Assignee with respect to this invention.
- 3 The Inventors hereby UNDERTAKE that at the request and cost of the Assignee or its successors or assigns they 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 Inventors 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.
- 5 This assignment and undertaking shall be binding upon the Inventors' 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.


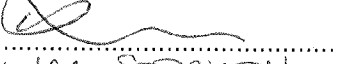
IN WITNESS WHEREOF the parties hereto have executed this assignment and undertaking

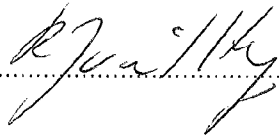

SCHEDULE

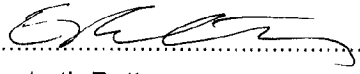
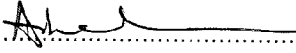
Mewburn Ellis LLP REFERENCE NO.	COUNTRY	APPLICATION NUMBER	FILING DATE
6226724	GB	0412553.0	04/06/2004
6296487	PCT	PCT/GB2005/002043	23/05/2005
6410112	EP	05746683.1	23/05/2005
6410120	US	11/628,084	23/05/2005
6410138	JP	2007-514086	23/05/2005

SIGNED by)
STUART HAMILTON RALSTON)
at (city, country): EDINBURGH, UK)
on (date): 28/2/2011) Signature: 
in the presence of:)
Witness
Signature: 
Name: BELINDA STEPHEN
Address: 26 ORCHARD DRIVE

SIGNED by)
IAIN ROBERT GREIG)
at (city, country): ABERDEE, UK)
on (date): 14/3/2011) Signature: 
in the presence of:)
Witness
Signature: 
Name: GAIL BRADLEY
Address: INSTITUTE OF MEDICAL SCIENCES
UNIVERSITY OF ABERDEEN

SIGNED by)
AYMEN IBRAHIM IDRIS MOHAMED)
at (city, country): EDINBURGH, UK)
on (date): 28/2/2011) Signature: 
in the presence of:)
Witness
Signature: 
Name: BELINDA STEPHEN
Address: 26 ORCHARD DRIVE

SIGNED by)
ROBERT JURGEN VAN 'T HOF)
at (city, country): Edinburgh, UK)
on (date): 25/02/2011) Signature: 
in the presence of:)
Witness
Signature: 
Name: BELINDA STEPHEN
Address: 26 ORCHARD DRIVE

SIGNED for and on behalf of)
THE UNIVERSITY COURT OF)
THE UNIVERSITY OF ABERDEEN) Signature: 
at (city, country): Aberdeen) Name: Dr Elizabeth Rattray
on (date): 12/3/11) Position: Deputy Director
in the presence of:) Research and Innovation
Witness
Signature: 
Name: ANN LEIGHTON
Address: UNIVERSITY OF ABERDEEN
AB24, 3FX