PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IVAN COULTER	12/04/2014
VINCENZO AVERSA	12/04/2014
BERNARD FRANCIS MCDONALD	12/04/2014
MONICA ROSA	12/04/2014

RECEIVING PARTY DATA

Name:	SIGMOID PHARMA LIMITED
Street Address:	INVENT CENTRE
Internal Address:	DUBLIN CITY UNIVERSITY
City:	DUBLIN
State/Country:	IRELAND
Postal Code:	9

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14536510

CORRESPONDENCE DATA

Fax Number: (503)595-5301

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: erin.roycroft@klarquist.com

Correspondent Name: KLARQUIST SPARKMAN, LLP

Address Line 1: 121 SW SALMON STREET, SUITE 1600

Address Line 2: ONE WORLD TRADE CENTER
Address Line 4: PORTLAND, OREGON 97204

NAME OF SUBMITTER:	WAYNE RUPERT
SIGNATURE:	/Wayne Rupert/
DATE SIGNED:	12/10/2014

Total Attachments: 5

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THIS ASSIGNMENT IS MADE the Ut day of December 2014

BETWEEN

- 1. (i) Ivan Coulter, of 25 Seamount, Mount Merrion, Co. Dublin, Ireland,
 - (ii) Vincenzo Aversa, of 69 Cedar Square, Ridgewood, Swords, Co. Dublin, Ireland,
 - (iii) Bernard Francis McDonald, of Comaghy, Mullyash, Castleblayney, Co. Monaghan, Ireland.
 - (iv) Mónica Rosa, of 49 Block C, The Old Distillery, Beresford Street, Dublin 7, Ireland,

all of the aforegoing jointly being referred to hereafter as "the Inventors"; and

 Sigmoid Pharma Limited ("Sigmoid Pharma"), an Irish company whose registered office is at Invent Centre, Dublin City University, Dublin 9, Ireland.

Introduction

- A. The Inventors are devisors of an invention ("the Invention") which is the subject of US Patent Application No. 14/536,510 entitled "Formulations" and PCT Application No. PCT/EP2014/074057 entitled "Formulations" having a filing date of November 7, 2014, the aforesaid US and PCT applications jointly being referred hereinafter as "the Applications".
- The Applications both claim priority from UK patent application No. 1319791.8.
- C. When the Inventors devised their contributions to the Invention, Sigmoid Pharma was their employer and, pursuant to Irish Law, was entitled to the Invention and the Application.
- D. On 3 November 2014 the Inventors and Sigmoid Pharma executed an assignment from the Inventors to Sigmoid Pharma of all right, title and interest the Inventors had in UK patent application No. 1319791.8 and in the invention that is the subject of UK patent application No. 1319791.8.
- E. The parties to this assignment wish to record their agreement to the inventorship position stated in Clause A and, as precaution against any rights remaining with the Inventors contrary to their intentions, wish to effect assignment to Sigmoid Pharma of any and all right, title and interest that the Inventors may have to the Applications and the Invention.

Operative Clauses

 The Inventors and Sigmoid Pharma hereby confirm their belief that the Inventors are the sole devisors of the Invention.

- 2. The Inventors and Sigmoid Pharma agree that, as between the Inventors and Sigmoid Pharma, the Invention, the Application and all related intellectual property rights (in particular but without limitation the right to apply for and be granted patents for the Invention in or for any part of the world, and the right to claim priority from the Applications) are the property of Sigmoid Pharma pursuant to the Inventors' employment by Sigmoid Pharma, the circumstances of that employment and the operation of the law of Ireland.
- 3. In consideration of the sum of €1.00 now paid by Sigmoid Pharma to each Inventor (receipt of which each of the Inventors hereby acknowledges) the Inventors each hereby assign absolutely to Sigmoid Pharma any and all right, title and interest they have in and to the Invention and the Applications and the full and exclusive benefit thereof, including without limitation: the right to claim priority from the Applications; the right to apply for and be granted patents for the Invention in or for any part of the world; and any and all future national phase applications, regional phase applications, divisional applications, continuing applications, substitute applications, renewals, reissues, patent extensions, supplementary protection certificates and all other applications and patents which:
 - are derived directly or indirectly from either or both of the Applications; and/or
 - ii. claim priority from either or both of the Applications; and/or
 - iii. claim and/or disclose the Invention,

TOGETHER WITH the right to recover, and take all such proceedings as may be necessary for the recovery of, damages or other forms of relief in respect of all infringements of the Application whether taking place before or after the date of this Assignment TO HOLD the same unto Sigmoid Pharma absolutely.

4. The Inventors hereby covenant with Sigmoid Pharma, when requested and at the expense of Sigmoid Pharma, to carry out in good faith the intent and purpose of this assignment, to promptly execute, sign and do all such instruments, applications, documents, acts and things as may reasonably be required by Sigmoid Pharma for Sigmoid Pharma or the nominee of Sigmoid Pharma to enjoy the full benefit of the property and rights hereby assigned, including without limitation execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on the Invention; execute all rightful paths, declarations, assignments, powers of attorney, and other papers; communicate to Sigmoid Pharma all facts known to them relating to the Invention and the history thereof; and generally do everything possible which Sigmoid Pharma shall consider desirable for vesting title to the Invention in Sigmoid Pharma or such parties to whom Sigmoid Pharma may assign its rights in the Invention, and for securing, maintaining, and enforcing proper patent protection for the Invention including without limitation cooperating in any proceedings involving oppositions, invalidity actions and infringement.

- 5. Ivan Coulter hereby irrevocably appoints Sigmoid Pharma as Attorney in his name and on his behalf to execute and do any instrument or thing as may be required by Sigmoid Pharma to enable Sigmoid Pharma to enjoy the full benefit of the rights assigned by this Assignment and in favour of any third party a certificate signed by any Officer of Sigmoid Pharma that any instrument or act falls within such authority shall be conclusive evidence that such is the case.
- 6. Bernard Francis McDonald hereby irrevocably appoints Sigmoid Pharma as his Attorney in his name and on his behalf to execute and do any instrument or thing as may be required by Sigmoid Pharma to enable Sigmoid Pharma to enjoy the full benefit of the rights assigned by this Assignment and in favour of any third party a certificate signed by any Officer of Sigmoid Pharma that any instrument or act falls within such authority shall be conclusive evidence that such is the case.
- Vincenzo Aversa hereby irrevocably appoints Sigmoid Pharma as his Attorney in his name and on his behalf to execute and do any instrument or thing as may be required by Sigmoid Pharma to enable Sigmoid Pharma to enjoy the full benefit of the rights assigned by this Assignment and in favour of any third party a certificate signed by any Officer of Sigmoid Pharma that any instrument or act falls within such authority shall be conclusive evidence that such is the case.
- 8. Mónica Rosa hereby irrevocably appoints Sigmoid Pharma as her Attorney in her name and on her behalf to execute and do any instrument or thing as may be required by Sigmoid Pharma to enable Sigmoid Pharma to enjoy the full benefit of the rights assigned by this Assignment and in favour of any third party a certificate signed by any Officer of Sigmoid Pharma that any instrument or act falls within such authority shall be conclusive evidence that such is the case.
- Sigmoid Pharma accepts the above assignment.
- 10. This Agreement shall be governed by and interpreted in accordance with the law of ireland and the parties hereby submit to the non-exclusive jurisdiction of the courts of Ireland.

IN WITNES	S of which this Assignment has be	en executed	d and delivered th	e date and year firs
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RECORDED: 12/10/2014

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Name:	Markette Carlo			
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