501945930 06/06/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Simon Michael Cutting	04/17/2012
Hong Anh Huynh	04/17/2012

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13497169

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US Mail.

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ATTORNEY DOCKET NUMBER:	000487.00135
NAME OF SUBMITTER:	Sarah A. Kagan

Total Attachments: 2

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PATENT REEL: 028328 FRAME: 0474 .H \$40.00 15497

501945930

Application No: 13/497,169

BW: 000487.00135

ASSIGNMENT

WHEREAS, We,

Simon Michael CUTTING, a citizen of Great Britain, with mailing address at School of Biological Sciences, Royal Holloway, University of London, Egham-Surrey, TW20 0EX Great Britain

Hong Anh HUYNH, a citizen of Great Britain, with mailing address at School of Biological Sciences, Royal Holloway, University of London, Egham-Surrey, TW20 0EX Great Britain

are the inventors of certain inventions and improvements described in a U.S. patent application identified by having the title:

BACTERIAL SPORE HAVING THERAPEUTIC AGENT ADSORBED ON ITS SURFACE

which application

[X] was filed as PCT International Application Number <u>PCT/GB2010/001771</u>, filed on <u>September 21, 2010</u> and as U.S. Application Serial Number <u>13/497,169</u>.

and WHEREAS

ROYAL HOLLOWAY AND BEDFORD NEW COLLEGE Egham-Surrey TW20 0EX United Kingdom

ASSIGNEE, desires to acquire our entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assign and legal representatives (NOMINEES) our entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey our entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application,

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inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law farm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: 17/4 / 2 Inventor: Simon Michael CUTTING

Date: 17/4 / 2 Inventor: Hong Anh HUYNH

Note: No legalization or other witness required.

LAW OFFICES BANNER & WITCOFF, LTD. 1100 13th STREET, N.W. WASHINGTON, D.C. 20005-4051 (202) 824-3000

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RECORDED: 06/06/2012