503145846 01/22/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK ELLIS	07/19/2012
DAVID PAUL HUMPHREYS	07/19/2012

RECEIVING PARTY DATA

Name:	CELLTECH R&D LTD.
Street Address:	208 BATH ROAD
City:	SLOUGH, BERKSHIRE
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14600089

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NAME OF SUBMITTER:	FRANK C. EISENSCHENK, PH.D.
SIGNATURE:	/FRANK C. EISENSCHENK/
DATE SIGNED:	01/22/2015

Total Attachments: 3

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PATENT 503145846 REEL: 034783 FRAME: 0566

ASSIGNMENT

WHEREAS, we, the undersigned, residing at the indicated addresses given below, have invented certain new and useful improvements in **BACTERIAL HOST STRAIN COMPRISING A MUTANT SPR GENE AND HAVING REDUCED TSP ACTIVITY**, for which an application for United States Letters Patent was filed July 13, 2012, as Serial No. 13/522,087.

WHEREAS, CELLTECH R&D LTD., having its principle place of business at 208 Bath Road, Slough SL1 3WE, Berkshire, United Kingdom, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of CELLTECH R&D LTD.'s review and evaluation of our patent disclosure and other valuable consideration, receipt of which is hereby acknowledged, we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said CELLTECH R&D LTD., its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to CELLTECH R&D LTD., as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of CELLTECH R&D LTD., its successors and assigns.

FURTHER, we agree that we will communicate to CELLTECH R&D LTD., or its representatives, any facts known to us respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to CELLTECH R&D LTD.; make all rightful oaths; and generally do everything possible to aid CELLTECH R&D LTD., its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

U	CB.106
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of
Mark Ellis IPD, UCB Celltech 208 Bath Road Slough, Berkshire SL1 3WE UNITED KINGDOM	
WITNESS:	
Signature:	
Printed Name: R. GILL	

Internet

Date: 19/07/12

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	UCB 106
IN TESTIMONY WHEREOF, I have hereunto set my hand this/9_	day of
Signed	
WITNESS:	
Signature:	
Printed Name:	
Date: 19/02/12.	

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PATENT REEL: 034783 FRAME: 0569