

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ELAINE C. FITCHES	10/03/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UNIVERSITY OF DURHAM	
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<b>State/Country:</b>	UNITED KINGDOM	
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<b>Name:</b>	THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS, C/O FERA SCIENCE LIMITED	
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<b>City:</b>	YORK	
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<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14008412	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(414)277-0656	
<i>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.</i>		
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<b>ATTORNEY DOCKET NUMBER:</b>	063511-9224-US00	
<b>NAME OF SUBMITTER:</b>	JODI ANDERSON	
<b>SIGNATURE:</b>	/jodi anderson/	

<b>DATE SIGNED:</b>	12/23/2016
<b>Total Attachments: 3</b> source=20185151_063511-9224-US00_-_Assignment_-_ECFitches_to_UFDurham_and_SOSFEFARA#page1.tif source=20185151_063511-9224-US00_-_Assignment_-_ECFitches_to_UFDurham_and_SOSFEFARA#page2.tif source=20185151_063511-9224-US00_-_Assignment_-_ECFitches_to_UFDurham_and_SOSFEFARA#page3.tif	

## **ASSIGNMENT**

### **Assignor:**

**Elaine C. Fitches**, Schoolview, Carlton-in-Cleveland, Middlesbrough, TS9 7BB, United Kingdom

### **Assignees:**

**UNIVERSITY OF DURHAM**, Palatine Centre, Stockton Road, Durham, DH1 3LE, United Kingdom

-and-

**THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS**,  
c/o Fera Science Limited, Sand Hutton, York, YO41 1LZ, United Kingdom

Pursuant to Assignor's obligation to Assignees, and for other valuable and sufficient consideration, the receipt whereof is hereby acknowledged, Assignor hereby sells, assigns and conveys:

(1) to the **UNIVERSITY OF DURHAM** and its successors and assigns, an undivided one-half of Assignors full right title and interest in and to:

(a) patent application titled "PESTICIDES", United States National Stage Patent Application No. 14/008,412, filed December 17, 2013 (hereinafter the "US National Stage Application"; Atty. File No. 063511-9224-US00), and to all other U.S. patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) claiming the benefit of the US National Stage Application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted (collectively "Patents");

(b) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any of the Patents; and

(c) any and all claims and causes of action with respect to any of the Patents, whether accruing before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

(2) to THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS, and its successors and assigns, an undivided one-half of Assignors full right title and interest in and to:

(a) patent application titled "PESTICIDES", United States National Stage Patent Application No. 14/008,412, filed December 17, 2013 (hereinafter the "US National Stage Application"; Atty. File No. 063511-9224-US00), and to all other U.S. patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) claiming the benefit of the US National Stage Application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted (collectively "Patents");

(b) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any of the Patents; and

(c) any and all claims and causes of action with respect to any of the Patents, whether accruing before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

I hereby agree that I will, upon demand of Assignees, its successors or assigns, and without further consideration to me, execute any and all papers that may be necessary, or deemed by Assignees, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignees, its successors and assigns, and not by me.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignees.

(ASSIGNOR)

UNIVERSITY OF DURHAM

By: Jenni Sewel

Dated: 10.10.16

Name: JENNIFER SEWEL

Title: University Secretary

THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS

By: D. Brandenburger

Dated: 20/10/16

Name: DAN BRANDENBURGER

Title: DEPUTY DIRECTOR

(ASSIGNEE)

ELAINE C. FITCHES

By: E. Fitches

Dated: 3/10/16