

## 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>
	ORICA AUSTRALIA PTY LTD	07/21/2011
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION	
<b>Street Address:</b>	LIMESTONE AVENUE	
<b>City:</b>	CAMPBELL, AUSTRALIAN CAPITAL TERRITORY	
<b>State/Country:</b>	AUSTRALIA	
<b>Postal Code:</b>	2612	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14233878
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<b>ATTORNEY DOCKET NUMBER:</b>	83133-A-PCT-US/JPW/NH	
<b>NAME OF SUBMITTER:</b>	NATHAN HSU	
<b>SIGNATURE:</b>	2251/83133-A-PCT-US/NH/for John P. White	
<b>DATE SIGNED:</b>	11/11/2016	
<b>Total Attachments: 1</b>		
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**ASSIGNMENT**

WHEREAS, Orica Australia Pty Ltd, having a principle place of business at 1 Nicholson Street, Melbourne, Victoria 3000, Australia, is an assignee of the right, title and interest in and to U.S. Provisional Application No. 61/510,337, filed July 21, 2011, entitled **ENZYMES FOR DEGRADING ORGANOPHOSPHATES**, and the inventions described therein, along with all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property attributable to **Steve Kotsonis, Kaiyan Liu** by virtue of an assignment of rights from **Steve Kotsonis and Kaiyan Liu** (the "Patent Rights"); and

WHEREAS, **Commonwealth Scientific and Industrial Research Organisation**, having a principal place of business at Limestone Avenue, Campbell, Australian Capital Territory 2612, Australia, is entitled to have assigned to it all right, title and interest in and to the Patent Rights.

NOW, THEREFORE, in consideration of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Orica Australia Pty Ltd**, effective July 21, 2011, hereby assigns and transfers to **Commonwealth Scientific and Industrial Research Organisation**, its successors and assigns, the entire right, title and interest in and to the Patent Rights, as well as all other patent rights that may be based thereon, including all renewals, divisions, substitutes, continuations, reissues or extensions thereof, and every priority right that is or may be predicated upon or arise from the Patent Rights, to the full end of the term of such Patent Rights and any extensions thereof.

**Orica Australia Pty Ltd** hereby authorizes and requests all proper governmental authorities to issue all documents evidencing ownership of right, title and interest, in and to the Patent Rights by **Commonwealth Scientific and Industrial Research Organisation** and their lawful successors and assigns.

**Orica Australia Pty Ltd** (Assignor)

By: [Signature]  
Printed Name: GREG WITCOMBE  
Title: DIRECTOR

Witness:  
[Signature] [signature]  
MARIA MALONEY [printed name]  
1 NICHOLSON ST [address]  
MELBOURNE 3000

**Commonwealth Scientific and Industrial Research Organisation** (Assignee) hereby accepts this assignment.

By: [Signature]  
Printed Name: CHRISTINE EMMANUEL  
Title: EXECUTIVE MANAGER, INTELLECTUAL PROPERTY  
Date: 02/11/2012

Witness:  
[Signature] [signature]  
DANE M WOODS [printed name]  
CSIRO: 343 Royal Parade [address]  
PARKVILLE VIC 3052 AUSTRALIA

**PATENT**