# PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NOVOGEN LIMITED	05/09/2011
NOVOGEN RESEARCH PTY LIMITED	05/09/2011

#### **RECEIVING PARTY DATA**

Name:	MARSHALL EDWARDS, INC.	
Street Address:	11975 El Camino Real, Suite 101	
City:	San Diego	
State/Country:	CALIFORNIA	
Postal Code:	92130	

### PROPERTY NUMBERS Total: 6

Property Type	Number	
Application Number:	11415950	
Application Number:	12177843	
Application Number:	13102805	
Patent Number:	6649648	
Patent Number:	7202273	
Patent Number:	7419998	

### CORRESPONDENCE DATA

Fax Number: (858)350-2399 Phone: 858-350-2300

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via US Mail.

Correspondent Name: Wilson Sonsini Goodrich & Rosati

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**PATENT** 

REEL: 027117 FRAME: 0797

ATTORNEY DOCKET NUMBER:	40082-709.307
NAME OF SUBMITTER:	Lori Ford
Total Attachments: 4 source=Metabolite - Executed Assignment# source=Metabolite - Executed Assignment# source=Metabolite - Executed Assignment# source=Metabolite - Executed Assignment#	page2.tif page3.tif

PATENT REEL: 027117 FRAME: 0798

#### ASSIGNMENT

May  $\underline{q}$ , 2011

WHEREAS, NOVOGEN LIMITED, a public company limited by shares and incorporated under the laws of New South Wales, Australia ("Seller Parent"), and/or NOVOGEN RESEARCH PTY LIMITED, a proprietary limited company incorporated under the laws of Australia and a wholly-owned subsidiary of Seller Parent ("Seller" and together with the Seller Parent, the "Assignors" and each individually, an "Assignor") have right, title and interest in inventions entitled:

### THERAPEUTIC METHODS AND COMPOSITIONS INVOLVING ISOFLAVONES

filed under the Patent Cooperation Treaty as PCT/AU1997/000563 filed 29-Aug-1997; and also the attached Exhibit A listing corresponding national applications.

WHEREAS, MARSHALL EDWARDS, INC., a corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, Assignors do hereby sell, assign and transfer to MARSHALL EDWARDS, INC., its successors and assigns, the entire right, title and interest in and to said application(s) and/or invention(s), in any form or embodiment; and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter, also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, obtained in any country upon said inventions or improvements; and to any and all continuing applications, including divisional, continuation and continuation-in-part applications; substitute applications; to all prior applications disclosing said inventions or improvements to which the present application claims priority; and to any other applications claiming the benefit of said prior applications.

Assignors hereby authorize and request the issuing authority to issue any and all patents on said application or applications to MARSHALL EDWARDS, INC., as assignee of the entire interest.

This Assignment may be executed in any number of counterparts, and each such counterpart hereof shall be deemed to be an original instrument, but all such counterparts together shall constitute but one agreement. Delivery of an executed counterpart of a signature page of this Assignment by facsimile or other electronic transmission shall be effective as delivery of a manually executed original counterpart of this Assignment.

[remainder of page intentionally left blank.]

PATENT REEL: 027117 FRAME: 0799 IN WITNESS WHEREOF, the undersigned have caused this Assignment to be duly executed and delivered as of the date first written above.

## NOVOGEN LIMITED

Name/Title:	William D. Rueckert, Director
By:	
Name/Title:	
OPM DEGE A	DOLLDTY LIMITED
	RCH PTY LIMITED
GEN RESEA By:	RCH PTY LIMITED  William O. Rulud
Ву:	RCH PTY LIMITED  William D. Rueckert, Director
Ву:	William o Ruled
Ву:	William O Ruled

Signature Page to Assignment

IN WITNESS WHEREOF, the undersigned have caused this Assignment to be duly executed and delivered as of the date first written above.

# **NOVOGEN LIMITED**

	By:		 	
	Name/Title:			
	Ву:	Demote.		
	Name/Title:	Ron Erratt - Company Secretary		
ЮV	OGEN RESEA	RCH PTY LIMITED		
	Ву:			
• .	Name/Title:			
	By:	Atmate		Para .
•	Name/Title	Ron Frratt - Company Socretary	٠.	

## EXHIBIT A

Jurisdiction	Official No.	Status	
Australia	731951	Granted	
Australia	776894	Granted	
Australia	2004224982	Granted	
Australia	2007201805	Granted	
Brazil	9713180.6	Pending	
Canada	2,265,049	Pending	
China	97198690.8	Granted	
China	200710001674.3	Accepted	
China	200710001675.8	Pending	
Czech Republic	295625	Granted*	
Europe	07102112.5	Pending	
Hong Kong	1019553	Granted	
Hong Kong	1022425	Granted	
Hong Kong	08101166.8	Abandoned	
Hong Kong	08101165.9	Pending	
Hong Kong	07110769.1	Pending	
Hungary	9903971	Abandoned	
Israel	128765	Granted	
Israel	181059	Granted	
Japan	10-511105	Abandoned	
Japan	2008-309525	Pending	
Mexico	250862	Granted	
Mexico	MX/a/2007/009568	Granted	
New Zealand	334025	Granted*	
New Zealand	506063	Granted*	
Norway	325681	Granted*	
Norway	20075066	Abandoned	
Singapore	64139	Granted	
Turkey	TR199900885B	Granted*	
United Kingdom	2331015	Granted	
USA	6,649,648	Granted	
USA	7,202,273	Granted	
USA	7,419,998	Granted	
USA	11/415,950	Pending	
USA	12/177,843	Pending	
USA	13/102,805	Pending	

**RECORDED: 10/25/2011** 

PATENT REEL: 027117 FRAME: 0802