

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT						
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee Name previously recorded on Reel 027598 Frame 0435. Assignor(s) hereby confirms the The Macaulay Land Use Research Institute.						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Brajesh Singh</td> <td>12/22/2011</td> </tr> <tr> <td>Colin Campbell</td> <td>01/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Brajesh Singh	12/22/2011	Colin Campbell	01/10/2012
Name	Execution Date						
Brajesh Singh	12/22/2011						
Colin Campbell	01/10/2012						
RECEIVING PARTY DATA							
Name:	The Macaulay Land Use Research Institute						
Street Address:	Craigiebuckler						
City:	Aberdeen						
State/Country:	UNITED KINGDOM						
Postal Code:	AB15 8QH						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11640066</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11640066		
Property Type	Number						
Application Number:	11640066						
CORRESPONDENCE DATA							
Fax Number:	(215)988-2757						
Phone:	2159882700						
Email:	jennifer.hanna@dbr.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Drinker Biddle & Reath LLP						
Address Line 1:	One Logan Square, Ste. 2000						
Address Line 4:	Philadelphia, PENNSYLVANIA 19103						
ATTORNEY DOCKET NUMBER:	36290-0449-00-US						
NAME OF SUBMITTER:	Jennifer Hanna						
Total Attachments: 7 source=36290_0449_00_US_corrected_assignment#page1.tif							

OP \$40.00 11640066

source=36290\_0449\_00\_US\_corrected\_assignment#page2.tif  
source=36290\_0449\_00\_US\_corrected\_assignment#page3.tif  
source=36290\_0449\_00\_US\_corrected\_assignment#page4.tif  
source=36290\_0449\_00\_US\_corrected\_assignment#page5.tif  
source=36290\_0449\_00\_US\_corrected\_assignment#page6.tif  
source=36290\_0449\_00\_US\_corrected\_assignment#page7.tif



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 27, 2012

PTAS

DRINKER BIDDLE & REATH LLP  
ONE LOGAN SQUARE, STE. 2000  
PHILADELPHIA, PA 19103

**501798891**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/26/2012

REEL/FRAME: 027598/0435  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 36290-0449-00-US

ASSIGNOR:  
SINGH, BRAJESH

DOC DATE: 12/22/2011

ASSIGNOR:  
CAMPBELL, COLIN

DOC DATE: 01/10/2012

ASSIGNEE: *Land Use*  
THE MACAULAY RESEARCH INSTITUTE  
CRAIGIEBUCKLER  
ABERDEEN, UNITED KINGDOM AB15 8QH

APPLICATION NUMBER: 11640066

FILING DATE: 12/15/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: GENETIC PROCESS FOR MULTIPLEX TERMINAL RESTRICTION FRAGMENT  
LENGTH POLYMORPHISM ANALYSIS

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 27, 2012

PTAS

DRINKER BIDDLE & REATH LLP  
ONE LOGAN SQUARE, STE. 2000  
PHILADELPHIA, PA 19103

**501798891**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/26/2012

REEL/FRAME: 027598/0435  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 36290-0449-00-US

ASSIGNOR:  
SINGH, BRAJESH

DOC DATE: 12/22/2011

ASSIGNOR:  
CAMPBELL, COLIN

DOC DATE: 01/10/2012

ASSIGNEE:  
THE MACAULAY RESEARCH INSTITUTE  
CRAIGIEBUCKLER  
ABERDEEN, UNITED KINGDOM AB15 8QH

APPLICATION NUMBER: 11640066

FILING DATE: 12/15/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: GENETIC PROCESS FOR MULTIPLEX TERMINAL RESTRICTION FRAGMENT  
LENGTH POLYMORPHISM ANALYSIS

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## ASSIGNMENT

**THIS ASSIGNMENT**, by Brajesh Singh and Colin Campbell (hereinafter Assignors), of Hawkesbury Institute for the Environment, University of Western Sydney, Hawkesbury Campus, First Floor, Building L9, Locked Bag 1797, Penrith 2751, NSW, AUSTRALIA; and The James Hutton Institute, Craigiebuckler, Aberdeen, AB15 8QH, UNITED KINGDOM, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in GENETIC PROCESS FOR MULTIPLEX TERMINAL RESTRICTION FRAGMENT LENGTH POLYMORPHISM ANALYSIS, set forth in United States Letters Patent Application 11/640066, filed on December 15, 2006 and

**WHEREAS**, The Macaulay Land Use Research Institute, of Craigiebuckler, Aberdeen, AB15 8QH, UNITED KINGDOM (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the inventions and the Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is acknowledged, Assignors have sold, assigned, transferred and set over, and do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of the application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the inventions and application for Letters Patent above-mentioned, and that same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey same in the manner set forth in this Assignment.

**AND** for the same consideration, Assignors covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, does advise: that any proceeding in connection with the inventions, or Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for the inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.


**AND** Assignors request the Commissioner of Patents and Trademarks to issue Letters Patent of the United States to Assignee, as Assignee of inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

DRINKER BIDDLE & REATH LLP

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

10/1/2012  
Date

  
Colin Campbell

**Witness:**

10.1.2012  
Date

Karen Shaw



22/12/2011

Date



Brajesh Singh

Witness:

22/12/2011

Date



GILLIAN WILKINS

University of Western Sydney,  
Penrith, NSW, Australia