

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4711831

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the NAME OF THE ASSIGNEE previously recorded on Reel 038541 Frame 0563. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IMANDOHKT FAMILI	05/09/2013
RENATA USAITE BLACK	05/09/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTREXON CEU, INC.
<b>Street Address:</b>	1750 KRAFT DRIVE
<b>Internal Address:</b>	SUITE 1400
<b>City:</b>	BLACKSBURG
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	24060
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14963163
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)755-7306
<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>	
<b>Phone:</b>	212-326-3939
<b>Email:</b>	cquatrino@jonesday.com, wtokmakidis@jonesday.com
<b>Correspondent Name:</b>	JONES DAY
<b>Address Line 1:</b>	250 VESEY STREET
<b>Address Line 2:</b>	WENDY TOKMAKIDIS
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10281-1047
<b>ATTORNEY DOCKET NUMBER:</b>	12966-015-999
<b>NAME OF SUBMITTER:</b>	CHRISTINA M. BEVILACQUA
<b>SIGNATURE:</b>	/Christina M. Bevilacqua/
<b>DATE SIGNED:</b>	11/30/2017
<b>Total Attachments: 6</b>	
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<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3867127

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IMANDOHKT FAMILI	05/09/2013
RENATA USAITE BLACK	05/09/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTREXON CORPORATION
<b>Street Address:</b>	1750 KRAFT DRIVE
<b>Internal Address:</b>	SUITE 1400
<b>City:</b>	BLACKSBURG
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	24060
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14963163
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)314-1150
<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>	
<b>Phone:</b>	858-314-1200
<b>Email:</b>	cquatrino@jonesday.com, MVdiaz@jonesday.com
<b>Correspondent Name:</b>	JONES DAY
<b>Address Line 1:</b>	222 EAST 41ST STREET
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10017-6703
<b>ATTORNEY DOCKET NUMBER:</b>	12966-015-999/448164-015
<b>NAME OF SUBMITTER:</b>	CHRISTINA QUATRINO
<b>SIGNATURE:</b>	/Christina Quatrino/
<b>DATE SIGNED:</b>	05/10/2016
<b>Total Attachments: 5</b>	
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source=12966_015_999_Assignment_Inventors_to_Intrexon#page4.tif	

**ASSIGNMENT**

WHEREAS, WE, Imandohkt Famifi of 550 Front Street, Unit 1308, San Diego, CA 92101 and Renata Usaite Black of 14743 Helen Park Lane, Poway, CA 92064, have invented certain new and useful invention or inventions (hereinafter "INVENTIONS") relating to the subject matter of:

**SELECTABLE MARKERS AND RELATED METHODS**

described in an application for Letters Patent filed in the United States or other foreign country on August 25, 2011, and accorded Application No. 13/218,342, (hereinafter "APPLICATION");

AND, WHEREAS, Intrexon CEU, Inc., a wholly-owned subsidiary of Intrexon Corporation, a corporation organized and existing under and by virtue of the laws of the Commonwealth of Virginia and having an office and place of business at 1750 Kraft Drive, Suite 1400, Blacksburg, Virginia 24060, (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said INVENTIONS and APPLICATION, and in and to the Letters Patent to be obtained therefor under the APPLICATION;

NOW, THEREFORE, in good and valuable consideration, the receipt of which is hereby acknowledged, WE, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, including the right to sue for past infringement and to collect for all past, present and future damages, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE hereby authorize and request ASSIGNEE or its agents, and all practitioners associated with United States Patent and Trademark Office Customer Number 20583, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said APPLICATION when known.

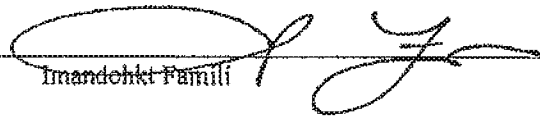
AND, for the consideration aforesaid, WE do hereby agree that WE and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments, and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to us relating to said INVENTIONS and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure and to vest in said ASSIGNEE, its successors or assigns the entire right, title and interest in and to said INVENTIONS, APPLICATION, applications, and Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

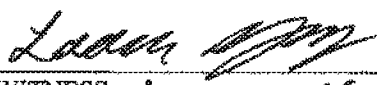
AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that WE have granted no right or license to make, use, sell or offer to sell said INVENTIONS, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and

interest in said INVENTIONS had not been otherwise encumbered, and that WE have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office and/or foreign equivalents to issue any and all Letters Patent which may be granted upon said APPLICATION, or upon said INVENTIONS or any parts thereof when granted, to said ASSIGNEE.

IN TESTIMONY WHEREOF, WE have hereunto set our hand on the date indicated below.

  
\_\_\_\_\_  
Inandohkt Famili

  
\_\_\_\_\_  
WITNESS Laurence Yang  
May 9, 2013  
\_\_\_\_\_  
DATE

\_\_\_\_\_  
Renata Usaitte Black

\_\_\_\_\_  
WITNESS

\_\_\_\_\_  
DATE

## ASSIGNMENT

WHEREAS, WE, Imandohkt Famili of 550 Front Street, Unit 1308, San Diego, CA 92101 and Renata Usaite Black of 14743 Helen Park Lane, Poway, CA 92064, have invented certain new and useful invention or inventions (hereinafter "INVENTIONS") relating to the subject matter of:

### SELECTABLE MARKERS AND RELATED METHODS

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AND, WHEREAS, Intrexon CEU, Inc., a wholly-owned subsidiary of Intrexon Corporation, a corporation organized and existing under and by virtue of the laws of the Commonwealth of Virginia and having an office and place of business at 1750 Kraft Drive, Suite 1400, Blacksburg, Virginia 24060, (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said INVENTIONS and APPLICATION, and in and to the Letters Patent to be obtained therefor under the APPLICATION;

NOW, THEREFORE, in good and valuable consideration, the receipt of which is hereby acknowledged, WE, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, including the right to sue for past infringement and to collect for all past, present and future damages, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE hereby authorize and request ASSIGNEE or its agents, and all practitioners associated with United States Patent and Trademark Office Customer Number 20583, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said APPLICATION when known.

AND, for the consideration aforesaid, WE do hereby agree that WE and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments, and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to us relating to said INVENTIONS and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure and to vest in said ASSIGNEE, its successors or assigns the entire right, title and interest in and to said INVENTIONS, APPLICATION, applications, and Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that WE have granted no right or license to make, use, sell or offer to sell said INVENTIONS, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and

interest in said INVENTIONS had not been otherwise encumbered, and that WE have not and will not execute any instrument in conflict therewith;

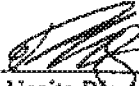
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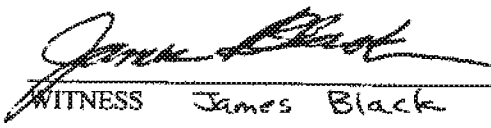
IN TESTIMONY WHEREOF, WE have hereunto set our hand on the date indicated below.

\_\_\_\_\_  
Imandohkt Famili

\_\_\_\_\_  
WITNESS

\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
Renata Usaite Black

  
\_\_\_\_\_  
WITNESS James Black

\_\_\_\_\_  
DATE

5/9/13

ACCEPTED by Intrexon CEU, Inc.



Signature

Name: Don Lehr

Title: President and Secretary

Date: May 10, 2013