

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2602312

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JEREMIAH ROETH</td> <td>10/09/2013</td> </tr> <tr> <td>BRANDON CUTHBERTSON</td> <td>10/09/2013</td> </tr> <tr> <td>CHARLES REED</td> <td>10/09/2013</td> </tr> <tr> <td>WILLIAM FOGLER</td> <td>10/11/2013</td> </tr> <tr> <td>FAYAZ KHAZI</td> <td>10/31/2013</td> </tr> <tr> <td>SUNIL CHADA</td> <td>10/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	JEREMIAH ROETH	10/09/2013	BRANDON CUTHBERTSON	10/09/2013	CHARLES REED	10/09/2013	WILLIAM FOGLER	10/11/2013	FAYAZ KHAZI	10/31/2013	SUNIL CHADA	10/23/2013
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<table border="1"> <tr> <td>Name:</td> <td>INTREXON CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1750 KRAFT DRIVE</td> </tr> <tr> <td>Internal Address:</td> <td>SUITE 1400</td> </tr> <tr> <td>City:</td> <td>BLACKSBURG</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>24060</td> </tr> </table>		Name:	INTREXON CORPORATION	Street Address:	1750 KRAFT DRIVE	Internal Address:	SUITE 1400	City:	BLACKSBURG	State/Country:	VIRGINIA	Postal Code:	24060		
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PROPERTY NUMBERS Total: 2															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14001943</td> </tr> <tr> <td>PCT Number:</td> <td>US2012027515</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14001943	PCT Number:	US2012027515								
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CORRESPONDENCE DATA															
Fax Number:	(301)556-9902														
Phone:	3015569817														
Email:	dlucas@intrexon.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	DEBRA LUCAS														
Address Line 1:	20358 SENECA MEADOWS PARKWAY														
Address Line 4:	GERMANTOWN, MARYLAND 20876														

ATTORNEY DOCKET NUMBER:	INX00022
NAME OF SUBMITTER:	DEBRA LUCAS
Signature:	/Debra Lucas/
Date:	11/04/2013
<p>Total Attachments: 16 source=INX00022 US and PCT Assignment#page1.tif source=INX00022 US and PCT Assignment#page2.tif source=INX00022 US and PCT Assignment#page3.tif source=INX00022 US and PCT Assignment#page4.tif source=INX00022 US and PCT Assignment#page5.tif source=INX00022 US and PCT Assignment#page6.tif source=INX00022 US and PCT Assignment#page7.tif source=INX00022 US and PCT Assignment#page8.tif source=INX00022 US and PCT Assignment#page9.tif source=INX00022 US and PCT Assignment#page10.tif source=INX00022 US and PCT Assignment#page11.tif source=INX00022 US and PCT Assignment#page12.tif source=INX00022 US and PCT Assignment#page13.tif source=INX00022 US and PCT Assignment#page14.tif source=INX00022 US and PCT Assignment#page15.tif source=INX00022 US and PCT Assignment#page16.tif</p>	

ASSIGNMENT

WHEREAS, WE, Jeremiah Roeth of 3915 Englewood Ct., Blacksburg, VA 24060, Charles Reed of 134 Skippack Creek Road, Souderton, PA 18964, Brandon Cuthbertson of 2247 Whitney Court, Blacksburg, VA 24060, Sunil Chada of 4007 Waterview Ct., Lakes of Brightwater Estates, Missouri City, Texas 77459, William Fogler of 5314 Tilbury Way, Baltimore., MD 21212, and Fayaz Khazi of 9073 Clendenin Way, Frederick, MD 21704 have invented certain new and useful invention or inventions (hereinafter "INVENTIONS") relating to the subject matter of:

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described in U.S. Patent Application No. 14/001,943, filed on August 28, 2013 and International Patent Application No. PCT/US2012/027515, filed on March 2, 2012 (hereinafter "APPLICATIONS") and claiming priority to Provisional Patent Applications Nos. 61/449,536, filed on March 4, 2011; 61/478,881, filed on April 25, 2011; 61/490,535, filed on May 26, 2011; and 61/562,342, filed on November 21, 2011, in the United States of America;

AND, WHEREAS, 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, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE do hereby assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said INVENTIONS, said APPLICATION and any inventions described therein, and any other United States applications, including priority, provisional, non-provisional, divisional, renewal, substitute, continuation, continuations-in-part, reexamination and reissue applications, based in whole or in part on said APPLICATION or in whole or in part on said INVENTIONS, any foreign applications and any inventions described therein, including priority, international, and regional applications, based in whole or in part on any of the aforesaid APPLICATION or applications or in whole or in part on said INVENTIONS, and in and to any and all Letters Patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid APPLICATION or applications or on any improvements or any parts thereof;

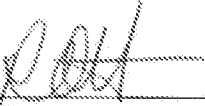
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AND, for the consideration aforesaid, WE do hereby agree that WE and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments, 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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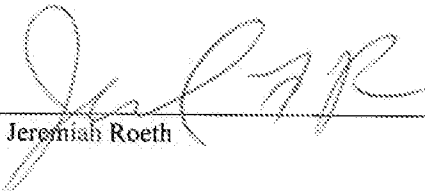
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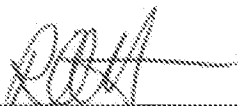


Jeremiah Roeth

Charles Reed

WITNESS

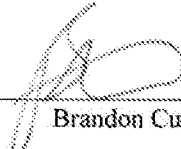
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Charles Reed



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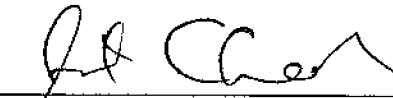
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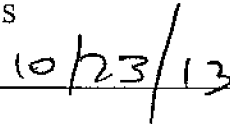
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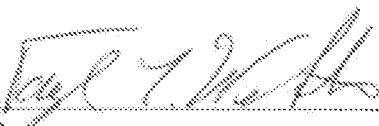
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Fayaz Khazi

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ACCEPTED by Intrexon Corporation


Signature _____
Name: Darryl Webster
Title: Senior Vice President, Intellectual Property
Date: 11/4/2013