

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Thomas Reed	11/20/2009
Jonathan Carson	12/08/2009
Amy Atzel	11/17/2009
David Bachinsky	11/16/2009

RECEIVING PARTY DATA

Name:	Intrexon Corporation
Street Address:	1872 Pratt Drive
City:	Blacksburg
State/Country:	VIRGINIA
Postal Code:	24060

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12532912

CORRESPONDENCE DATA

Fax Number: (540)961-0925
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 540-808-2759
 Email: dluкас@intrexon.com
 Correspondent Name: Debra Lucas
 Address Line 1: 1872 Pratt Drive
 Address Line 4: Blacksburg, VIRGINIA 24060

ATTORNEY DOCKET NUMBER:	DE080-01US
NAME OF SUBMITTER:	Debra S. Lucas

Total Attachments: 5
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**PATENT
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ASSIGNMENT

WHEREAS, WE (I), Thomas Reed of 2905 Ashlawn Drive, Blacksburg, VA 24060, Jonathan Carson of 215 S. Knollwood Drive #4204, Blacksburg, VA 24060, Amy Atzel of 3116 12th Avenue South, Minneapolis, MN 55407, and David Bachinsky of 309 E. Moorehead Street, Suite 837, Charlotte, NC 28202, and have invented certain new and useful improvements in and to the subject matter of:

MEK LIGANDS AND POLYNUCLEOTIDES ENCODING MEK LIGANDS

described in an application for Patent filed in the United States or other foreign country on September 24, 2009, and accorded Application No. 12/532,912, (hereinafter "APPLICATION");

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 1872 Pratt Drive, Suite 1400, Blacksburg, Virginia 24060, (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore under the APPLICATION;

NOW, THEREFORE, in consideration of the sum of Two Dollars (\$2.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, WE (I) do hereby sell, 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 improvements, said APPLICATION and any inventions described therein, and any other United States applications, including priority, 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 improvements, 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 in whole or in part on said improvements, 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 applications or on said improvements or any parts thereof;

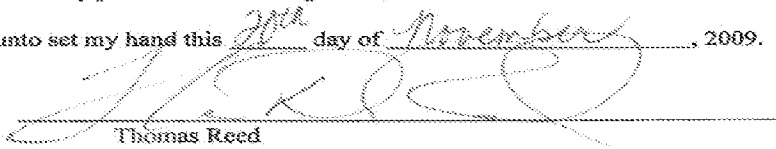
AND WE (I) hereby authorize and request ASSIGNEE or its agents, and all practitioners associated with Customer Number 80011, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said APPLICATION when known.

AND, for the consideration aforesaid, WE (I) 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 improvements 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 to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND WE (I) 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 improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;


AND WE (I) do hereby authorize and request the Director of the United States Patent and Trademark Office and its foreign equivalent to issue any and all letters patent which may be granted upon said APPLICATION, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20th day of November, 2009.


Thomas Reed

Commonwealth of Virginia
County of Montgomery

On this 20th day of November, 2009 before me personally appeared Thomas Reed to me known and known to me to be the person described in and who executed the foregoing instrument and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.


Notary Public
Registration No: 7149998
My Commission Expires: December 31, 2011

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2009.

Jonathan Carson

Commonwealth of Virginia
County of Montgomery

On this _____ day of _____, 2009 before me personally appeared _____ to me known and known to me to be the person described in and who executed the foregoing instrument and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Notary Public
Registration No: 7149998
My Commission Expires: December 31, 2011

AND WE (I) do hereby authorize and request the Director of the United States Patent and Trademark Office and its foreign equivalent to issue any and all letters patent which may be granted upon said APPLICATION, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2009.

Thomas Reed

Commonwealth of Virginia
County of Montgomery

On this _____ day of _____, 2009 before me personally appeared _____ to me known and known to me to be the person described in and who executed the foregoing instrument and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Notary Public
Registration No: 7149998

My Commission Expires: December 31, 2011

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of December, 2009.

Jonathan Carson
Jonathan Carson

Commonwealth of Virginia
County of Montgomery

On this 8th day of December, 2009 before me personally appeared Jonathan Carson to me known and known to me to be the person described in and who executed the foregoing instrument and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Debra S. Jones
Notary Public
Registration No: 7149998

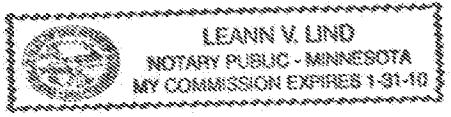
My Commission Expires: December 31, 2011

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of November, 2009.

Amy Atzel
Amy Atzel

State of Minnesota
County of Hennepin

On this 17 day of November, 2009 before me personally appeared Amy Atzel to me known and known to me to be the person described in and who executed the foregoing instrument and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Leann V. Lind
Notary Public
Registration No: _____
My Commission Expires: _____

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2009.

David Bachinsky

State of _____
County of _____

On this _____ day of _____, 2009 before me personally appeared _____ to me known and known to me to be the person described in and who executed the foregoing instrument and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Notary Public
Registration No: _____
My Commission Expires: _____

ACCEPTED by Intrexon Corporation

Signature
Name: Rick Sterling Title: Chief Financial Officer
Date: _____

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2009.

Amy Atzel

State of _____
County of _____

On this _____ day of _____, 2009 before me personally appeared _____ to me known and known to me to be the person described in and who executed the foregoing instrument and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Notary Public
Registration No: _____
My Commission Expires: _____

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of November, 2009.

David Bachinsky

State of North Carolina
County of Mecklenburg

On this 16th day of November, 2009 before me personally appeared David Bachinsky to me known and known to me to be the person described in and who executed the foregoing instrument and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Notary Public
Registration No: 20023500145
My Commission Expires: November 16, 2013

ACCEPTED by Intrexon Corporation

Signature
Name: Rick Sterling Title: Chief Financial Officer
Date: 12/14/2009