

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2982346

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EDWARDS M. ALLEN	08/04/2014
LARRY A. GILBERTSON	08/05/2014
NANCY M. HOUMARD	08/01/2014
SHIHSIEH HUANG	07/31/2014
ELYSIA K. KRIEGER	07/31/2014
THOMAS M. MALVAR	07/31/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MONSANTO TECHNOLOGY LLC
<b>Street Address:</b>	800 NORTH LINDBERGH BOULEVARD
<b>City:</b>	ST. LOUIS
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63167
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12832942
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	ip_docketing@aporter.com
<b>Correspondent Name:</b>	ARNOLD & PORTER LLP
<b>Address Line 1:</b>	555 TWELFTH STREET, NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20004
<b>ATTORNEY DOCKET NUMBER:</b>	P34145US54/0024021.00210
<b>NAME OF SUBMITTER:</b>	CHUNBO QIN
<b>SIGNATURE:</b>	/Chunbo Qin, Reg. No. 65503/
<b>DATE SIGNED:</b>	08/14/2014
<b>Total Attachments: 7</b>	
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**ASSIGNMENT**

WHEREAS, I/we, the undersigned, have made certain invention or inventions which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

RECOMBINANT DNA CONSTRUCTS AND METHODS FOR CONTROLLING  
GENE EXPRESSION

identified as U.S. Application No. 12/832,942, filed July 8, 2010.

WHEREAS, Monsanto Technology LLC, of 800 North Lindbergh Boulevard, St. Louis, MO, 63167, USA, a Corporation of the State of Delaware, (hereinafter "ASSIGNEE") 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, I/we do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); 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 made by me/us as employee(s), agent(s) or contractor(s) of said ASSIGNEE; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention; inventions or improvements, and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/We hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE, as assignee of the entire interest.

I/We further agree, without any payment by ASSIGNEE other than in reimbursement of reasonable expenses I/we may incur, to communicate to said ASSIGNEE, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature: [Signature]

Date: August 4, 2014

Name: Edwards M. Allen

City and state or country of residence: O'Fallon, MO, USA

State of Missouri )

County of St. Louis )

ss.

On this 4th day of August, 2014, before me personally appeared Edwards M. Allen, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.



[Signature]  
Notary Public or Consular Officer

My Commission expires 10-28-2017

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature: [Signature]

Date: Aug 5, 2014

Name: Larry A. Gilbertson

City and state or country of residence: ~~Chesterfield, MO, USA~~ Somerville, MA  
B97  
LG

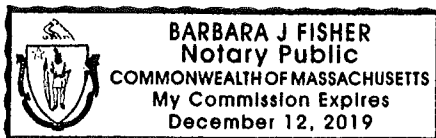
State of Massachusetts )  
County of Middlesex ) ss.

On this 5<sup>th</sup> day of AUGUST, 2014 before me personally appeared Larry A. Gilbertson, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Barbara J. Fisher  
Notary Public or Consular Officer

My Commission expires December 12, 2019



IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature: Nancy M. Houmard Date: 8/1/14  
Name: Nancy M. Houmard  
City and state or country of residence: North Stonington, CT, USA

State of Connecticut )  
County of New London ) ss. Mystic

On this 1st day of August, 2014, before me personally appeared Nancy M. Houmard, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

**Marie A Zidbeck**  
(seal) **Notary Public**  
**Connecticut**

Marie A. Zidbeck  
Notary Public or Consular Officer  
marie A. Zidbeck

My Commission expires 7/31/2015

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature: *Shihshieh Huang* Date: July 31, 2014  
Name: Shihshieh Huang  
City and state or country of residence: Woodland, CA, USA

State of CALIFORNIA )  
County of YOLO ) ss.

On this 31st day of July, 2014, before me personally appeared Shihshieh Huang, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.



*Monica Ravanello*  
Notary Public or Consular Officer

My Commission expires Oct 7, 2014

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature: [Signature] Date: 7-31-14

Name: Elysia K. Krieger

City and state or country of residence: Kirkwood, MO, USA

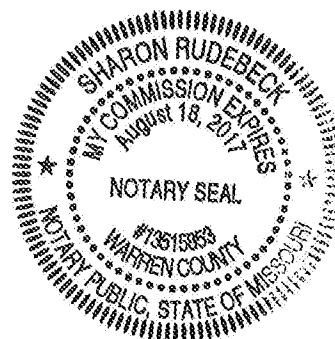
State of Missouri )  
County of Warren ) ss.

On this 31 day of July, 2014 before me personally appeared Elysia K. Krieger, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

[Signature]  
Notary Public or Consular Officer

My Commission expires 8/18/2017





IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature: [Signature] Date: 7/31/2014

Name: Thomas M. Malvar

City and state or country of residence: North Stonington, CT, USA

State of Missouri )  
County of Warren ) ss.

On this 31<sup>st</sup> day of July, 2014, before me personally appeared Thomas M. Malvar, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

[Signature]  
Notary Public or Consular Officer

My Commission expires 8/18/2017

