

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3296861

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEFFREY W. HARTSOOK	01/12/2015
MICHAEL R. BOHNERT	03/18/2015
DAVID J. BAITINGER	01/12/2015
ANA PAULA DA SILVA DIAS	02/02/2015
TRAVIS J. FREY	02/02/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MONSANTO TECHNOLOGY LLC
<b>Street Address:</b>	800 N. LINDBERGH BLVD.
<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>
<b>Application Number:</b>	14576711
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)238-2401
<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>	3142382400
<b>Email:</b>	patents@polsterlieder.com
<b>Correspondent Name:</b>	POLSTER LIEDER
<b>Address Line 1:</b>	12412 POWERSOURT DRIVE, SUITE 200
<b>Address Line 2:</b>	SCOTT T. GRAY
<b>Address Line 4:</b>	ST. LOUIS, MISSOURI 63131
<b>ATTORNEY DOCKET NUMBER:</b>	MONS D509C1
<b>NAME OF SUBMITTER:</b>	SCOTT T. GRAY
<b>SIGNATURE:</b>	/Scott T. Gray/
<b>DATE SIGNED:</b>	04/03/2015
<b>Total Attachments: 6</b>	

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## ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

### NEEDLELESS INOCULATION

which forms the subject matter of United States provisional patent application filed on January 29, 2010, and assigned Serial No. 61/299,755, and United States non-provisional patent application filed July 23, 2012, and assigned Serial No. 13/574,635, and

WHEREAS, Monsanto Technology LLC, a corporation of the State of Delaware, having its principal place of business at 800 N. Lindbergh Boulevard, St. Louis, Missouri 63167, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

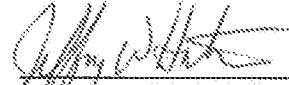
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to: the said invention as described in the aforesaid application and any and all improvements thereto; said application for patent and all Letters Patent granted therefor in any country to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted; and any and all derivative or continuing applications including any and all divisionals, continuations, continuations-in-part, extensions, renewals and reissues thereof, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

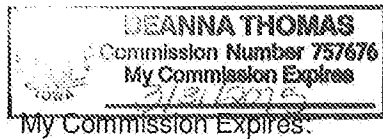
## ASSIGNMENT

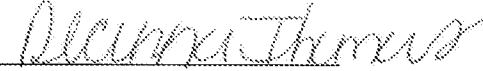
  
Jeffrey W. Hartsook  
16009 NW 114<sup>th</sup> St.  
Madrid, IA 50156

Jan 12, 2015  
Date


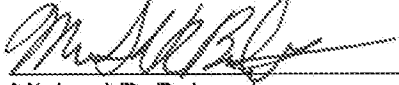
STATE OF Iowa )  
COUNTY OF Story ) SS.

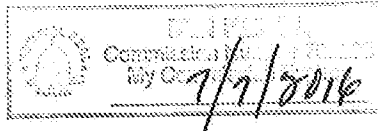
On this 12<sup>th</sup> day of January, 2015, before me, a Notary Public, personally appeared Jeffrey W. Hartsook to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.



  
Notary Public

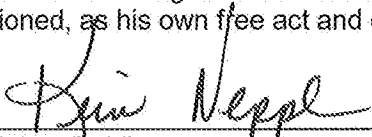
ASSIGNMENT

  
 3/18/2015  
Michael R. Bohnert      Date  
1337 Truman Place  
Ames, IA 50010



STATE OF Iowa )  
COUNTY OF Falk ) SS.

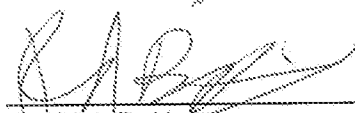
On this 18<sup>th</sup> day of March, 2015, before me, a Notary Public,  
personally appeared \_\_\_\_\_, to me known to be the person named in  
and who executed the above Assignment, and acknowledged to me that he executed the  
same for the uses and purposes therein mentioned, as his own free act and deed.

  
Notary Public

My Commission Expires:

7/7/2016

## ASSIGNMENT

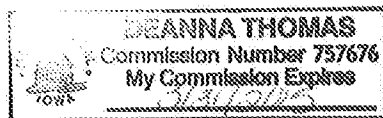


David J. Baifinger  
306 SE 3<sup>rd</sup> St  
Ankeny, IA 50021

12 Jan 2015  
Date

STATE OF Iowa )  
COUNTY OF Story ) SS.

On this 12th day of January, 2015, before me, a Notary Public, personally appeared David Baifinger, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.



My Commission Expires:

Deanna Thomas  
Notary Public

**ASSIGNMENT**

APLS 2-2 02-02-2015  
Ana Paula da Silva Dias Date  
220 E. Hillcrest Dr. #7311  
Dekalb, IL 60115

13006 VINSON CT  
MARYLAND HEIGHTS, MO 63043

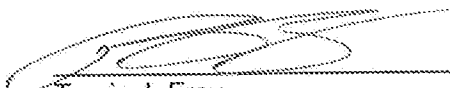
STATE OF Indiana )  
COUNTY OF St. Joseph ) SS.

On this 2 day of February, 2015, before me, a Notary Public,  
personally appeared Ana Paula da Silva Dias, to me known to be the person named in  
and who executed the above Assignment, and acknowledged to me that he executed the  
same for the uses and purposes therein mentioned, as his own free act and deed.

Monda Rae Shelton  
Notary Public

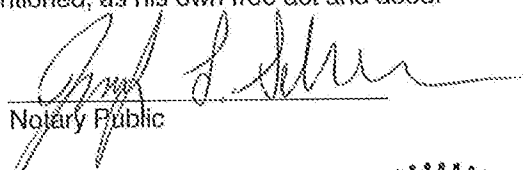
My Commission Expires: 02/25/2021

## ASSIGNMENT

 2/2/15  
Travis J. Frey Date  
9102 Madge Avenue 9 E. Geneva Cir  
Brentwood, MO 63144 Madison WI 53717

STATE OF WI )  
COUNTY OF Dane ) ss.

On this 2nd day of February, 2015, before me, a Notary Public,  
personally appeared Travis J. Frey, to me known to be the person named in  
and who executed the above Assignment, and acknowledged to me that he executed the  
same for the uses and purposes therein mentioned, as his own free act and deed.

  
Notary Public

My Commission Expires: 7/13/18

