

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>                                                                                                                                                                                                                                                                                                                                                                                               | NEW ASSIGNMENT            |               |                         |                        |                          |                      |            |                       |            |                     |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------|-------------------------|------------------------|--------------------------|----------------------|------------|-----------------------|------------|---------------------|-------|
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                                                                                                                                                                                                                                          | ASSIGNMENT                |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                           |                           |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jack F. Paris</td> <td>01/10/2011</td> </tr> <tr> <td>Gregory E. Knoblauch</td> <td>01/07/2011</td> </tr> <tr> <td>Dean Grundman</td> <td>01/20/2011</td> </tr> </tbody> </table>                                       |                           | Name          | Execution Date          | Jack F. Paris          | 01/10/2011               | Gregory E. Knoblauch | 01/07/2011 | Dean Grundman         | 01/20/2011 |                     |       |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                  | Execution Date            |               |                         |                        |                          |                      |            |                       |            |                     |       |
| Jack F. Paris                                                                                                                                                                                                                                                                                                                                                                                                         | 01/10/2011                |               |                         |                        |                          |                      |            |                       |            |                     |       |
| Gregory E. Knoblauch                                                                                                                                                                                                                                                                                                                                                                                                  | 01/07/2011                |               |                         |                        |                          |                      |            |                       |            |                     |       |
| Dean Grundman                                                                                                                                                                                                                                                                                                                                                                                                         | 01/20/2011                |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                           |                           |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Monsanto Technology LLC</td> </tr> <tr> <td><b>Street Address:</b></td> <td>800 North Lindbergh Blvd</td> </tr> <tr> <td><b>City:</b></td> <td>St. Louis</td> </tr> <tr> <td><b>State/Country:</b></td> <td>MISSOURI</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>63167</td> </tr> </table> |                           | <b>Name:</b>  | Monsanto Technology LLC | <b>Street Address:</b> | 800 North Lindbergh Blvd | <b>City:</b>         | St. Louis  | <b>State/Country:</b> | MISSOURI   | <b>Postal Code:</b> | 63167 |
| <b>Name:</b>                                                                                                                                                                                                                                                                                                                                                                                                          | Monsanto Technology LLC   |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>Street Address:</b>                                                                                                                                                                                                                                                                                                                                                                                                | 800 North Lindbergh Blvd  |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>City:</b>                                                                                                                                                                                                                                                                                                                                                                                                          | St. Louis                 |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>State/Country:</b>                                                                                                                                                                                                                                                                                                                                                                                                 | MISSOURI                  |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>Postal Code:</b>                                                                                                                                                                                                                                                                                                                                                                                                   | 63167                     |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                                                                                                                                                                                                                                      |                           |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12996277</td> </tr> </tbody> </table>                                                                                                                                                     |                           | Property Type | Number                  | Application Number:    | 12996277                 |                      |            |                       |            |                     |       |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                         | Number                    |               |                         |                        |                          |                      |            |                       |            |                     |       |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                   | 12996277                  |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                                                                                                                                                                                                                            |                           |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <p>Fax Number: (314)612-2307</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 314-621-5070</p> <p>Email: clager@armstrongteasdale.com</p> <p>Correspondent Name: Armstrong Teasdale LLP Michael Munsell</p> <p>Address Line 1: 7700 Forsyth Boulevard</p> <p>Address Line 2: Suite 1800</p> <p>Address Line 4: St. Louis, MISSOURI 63105</p>                 |                           |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                                                                                                                                                                                                                                        | 29135-301 56-21 (56061-3) |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                                                                                                                                                                                                                                             | Michael G. Munsell        |               |                         |                        |                          |                      |            |                       |            |                     |       |
| <p>Total Attachments: 5</p> <p>source=Executed_Assignment-9825451-1#page1.tif</p>                                                                                                                                                                                                                                                                                                                                     |                           |               |                         |                        |                          |                      |            |                       |            |                     |       |

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**PATENT**  
**REEL: 025831 FRAME: 0036**

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source=Executed\_Assignment-9825451-1#page5.tif

**ASSIGNMENT**

**WHEREAS, We**

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Jack F. Paris</b>        | <b>of Clovis, California</b>     |
| <b>Gregory E. Knoblauch</b> | <b>of Aurora, Colorado</b>       |
| <b>Dean Grundman</b>        | <b>of Fort Collins, Colorado</b> |

have invented an improvement in GENERATING AGRICULTURAL INFORMATION PRODUCTS USING REMOTE SENSING (File: 29135-126, 127, 0128 and 129; Monsanto Ref.: 56-21(56061) and have executed an application for a United States patent based thereon assigned Serial No. 61/059,465, filed June 6, 2008; and PCT applications assigned Serial Nos. PCT/US2009/045467, PCT/US2009/046474, PCT/US2009/046479 and PCT/US2009/046481 and filed on June 5, 2009.

**AND, WHEREAS,** Monsanto Technology LLC of St. Louis, Missouri, a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

**NOW, THEREFORE,** for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

**TO BE HELD AND ENJOYED** by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

**AND We** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND We** hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND We** hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

g7P

IN WITNESS WHEREOF, we have hereunto set our hands.

Jack F. Paris  
Name: **Jack F. Paris**

Date: 1/10/2011

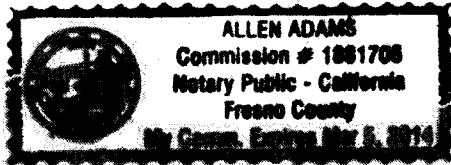
On this 10<sup>th</sup> day of JANUARY, 2011, before me personally appeared **Jack F. Paris** to me known to be the person who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above-written.

Seal

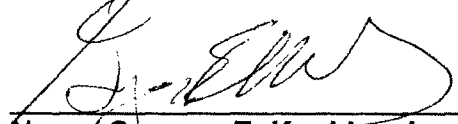
[Signature]

(Notary Public)

My Commission expires MARCH 5, 2014

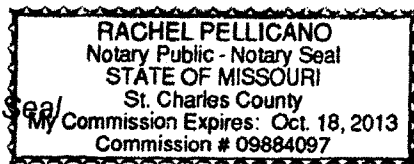


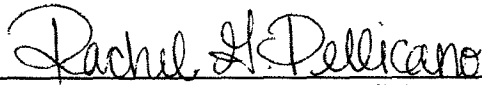
IN WITNESS WHEREOF, we have hereunto set our hands.

  
Name: Gregory E. Knoblauch

Date: 1/7/2011

On this 7th day of January, 2011, before me personally appeared **Gregory E. Knoblauch** to me known to be the person who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above-written.



  
(Notary Public)

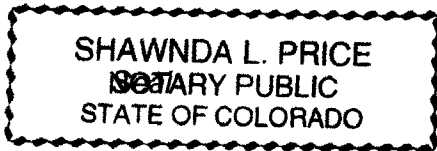
My Commission expires Oct. 18, 2013

IN WITNESS WHEREOF, we have hereunto set our hands.

*Dean Grundman*  
Name: **Dean Grundman**

Date: *Jan 20, 2011*

On this *20<sup>th</sup>* day of *January*, *2011*, before me personally appeared  
**Dean Grundman** to me known to be the person who executed the foregoing instrument  
and acknowledged that he executed the same as his free act and deed; in testimony  
whereof I have hereto set my hand and official seal on the day last above-written.



My Commission Expires 08/07/2013

*Shawnda L. Price*  
(Notary Public)

My Commission expires *8/7/13*