PATENT ASSIGNMENT COVER SHEET

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|---|--------------------------|-----------------|--------|----------------|--|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | | | |
| CONVEYING PARTY DATA | | | | | |
| | | | ame | Execution Date | |
| MONSANTO COMPANY AND MONSANTO TECHNOLOGY LLC 11/26/2013 | | | | | |
| RECEIVING PARTY DATA | | | | | |
| Name: | BAYER ANIMAL HEALTH GMBH | | | | |
| Street Address: | ALFRED-NOBEL-STR. 10 | | | | |
| City: | MONHEIM | | | | |
| State/Country: | GERMANY | | | | |
| Postal Code: | 40789 | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | |
| Property Type | | | Number | | |
| Application Number: 1273 | | 7318 | 371 | | |
| CORRESPONDENCE DATA Fax Number: (314)231-4342 Phone: (314) 345-7000 | | | | | |
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| ATTORNEY DOCKET NUMBER: | | BAYR 6200 | | | |
| NAME OF SUBMITTER: | | PAUL D. TIETZ | | | |
| Signature: | | /Paul D. Tietz/ | | | |
| Date: | | 11/27/2013 | | | |
| Total Attachments: 2 source=02211874#page1.tif source=02211874#page2.tif | | | | | |

Patent Assignment

This Patent Assignment is made and entered into as of the last date of execution set forth below, by and between Monsanto Company and Monsanto Technology LLC (hereinafter "MONSANTO") and Bayer Animal Health GmbH (hereinafter "BAYER") and their respective successors and assigns.

WHEREAS, MONSANTO and BAYER entered into a certain Asset Purchase Agreement dated February 8, 2013 whereby MONSANTO sold, assigned, transferred and conveyed to BAYER its right, title and interest to and in certain Purchased Assets as defined therein;

WHEREAS, pursuant to such Asset Purchase Agreement, on March 28, 2013, MONSANTO executed a Patent Assignment assigning its entire right, title and interest throughout the world in inventions and improvements that are the subject of certain patent applications listed therein;

WHEREAS, MONSANTO and BAYER have discovered that through inadvertent error U.S. Serial No. 12/135,337 was erroneously listed in the Patent Assignment and U.S. Serial No. 12/731,871, one of the above-mentioned Purchased Assets, was erroneously omitted from the Patent Assignment; and

WHEREAS, MONSANTO and BAYER wish to correct the above-noted errors;

NOW THEREFORE, in exchange for good and valuable consideration exchanged as part of the above-mentioned Asset Purchase Agreement, the receipt of which is hereby acknowledged, MONSANTO and BAYER agree as follows:

1. MONSANTO hereby assigns to BAYER and its successors and assigns, the entirety of MONSANTO's right, title, and interest in U.S. Serial No. 12/731,871, including the right to claim priority therefrom and any and all United States patents, utility models, and design registrations granted on U.S. Serial No. 12/731,871, including any renewal, substitute or equivalent thereof, as well as to any reissue, reexamination, patent term restoration, or equivalent thereto.

2. BAYER hereby assigns to MONSANTO and its successors and assigns, the entirety of BAYER's right, title, and interest in U.S. Serial No. 12/135,337, including the right to claim priority therefrom and any and all United States patents, utility models, and design registrations granted on U.S. Serial No. 12/135,337, including any renewal, substitute or equivalent thereof, as well as to any reissue, reexamination, patent term restoration, or equivalent thereto.

3. Further, MONSANTO and BAYER agree for itself and its successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments and other lawful documents as the other party may reasonably request to effectuate fully this Assignment.

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IN WITNESS WHEREOF, each party herein agrees to the terms of this Patent Assignment by having its authorized representative sign below.

Monsanto Company and Monsanto Technology LLC

By:_______ LANNOR Printed Name: LANDENSEM Assicute Gen'l Counsels Title: Date:

Bayer Animal Health GmbH

and filling the state of the st 110 By:

Printed Name: Dr. Frank Burkert

Title: Senior Patent Counsel

Date: November 26,2013

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RECORDED: 11/27/2013