PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | | NEW ASSIGNMENT | | | |
|---|--|----------------------|----------------|--|--|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | | | |
| CONVEYING PARTY DATA | | | | | |
| | | Name | Execution Date | | |
| Bayer Aktiengesellsch | naft | | 12/14/2009 | | |
| RECEIVING PARTY DATA | | | | | |
| Name: | Bayer CropScience AG | | | | |
| Street Address: | Alfred-Nobel-Str. | Alfred-Nobel-Str. 50 | | | |
| City: | Monheim am Rhe | Monheim am Rhein | | | |
| State/Country: | GERMANY | GERMANY | | | |
| Postal Code: | D-40789 | D-40789 | | | |
| PROPERTY NUMBERS Total: 5 | | | | | |
| Property Type | | Number | | | |
| Application Number: 123 | | 94376 | | | |
| Application Number: 1179 | | 96029 | 12394376 | | |
| Patent Number: 64369 | | 6976 | 12, | | |
| Patent Number: 668 | | 80325 8 | | | |
| Patent Number: 72328 | | 2840 | \$200.00 | | |
| CORRESPONDENCE DATA | | | | | |
| Fax Number:(202)371-2540Correspondence will be sent via US Mail when the fax attempt is unsuccessful. | | | | | |
| Phone: 2023712600 Email: resmond@skgf.com | | | | | |
| | Correspondent Name: Sterne, Kessler, Goldstein & Fox P.L.L.C | | | | |
| Address Line 1: | | ork Avenue, NW | | | |
| Address Line 4: Washington, DISTRICT OF COLUMBIA 20005 | | | | | |
| ATTORNEY DOCKET NUMBER: | | 2400.2690006/RWE | | | |
| NAME OF SUBMITTER: | | Robert W. Esmond | | | |
| | | | PATENT | | |

PATENT REEL: 023720 FRAME: 0810 WHEREAS The below named assignor (hereinafter referred to as ASSIGNOR), enjoys the full right, title and interest to the inventions set forth in the United States Patent Applications and United States Letters Patents Nos.

U.S. Appl. No. 12/394,376; U.S. Appl. No. 11/796,029 U.S. Patent No. 6,436,976; U.S. Patent No. 6,680,325; U.S. Patent No. 7,232,840

and

WHEREAS:

Bayer CropScience AG, Alfred-Nobel-Str. 50, D-40789 Monheim am Rhein, Germany

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under said Letters Patents and United States Patent Applications or similar legal protection to be obtained therefor in the United States.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest in and to said discoveries or inventions in the United States and its territorial possessions to all Letters Patent or similar legal protection in the United States and its territorial possessions for the full term for which the same may be granted, including, without limitation, U.S. Patent Applications Nos. 12/394,376 and 11/796,029 and U.S. Patents Nos. 6,436,976, 6,680,325, and 7,232,840 and all continuations, continuations-in-part, divisions, reissues, reexaminations and extensions thereof, together with the entire right to sue for and recover any and all damages due for past infringement of same.

SAID ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on any applications aforesaid, to issue all such Letters Patent for said discovery or invention to ASSIGNEE, as assignee of the entire right, title and interest in, to an under the same, for the sole use and behalf of ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

SAID ASSIGNOR hereby covenants that it has the full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

Name of Assignor: Bayer Aktiengesellschaft

| Name: | Dr. Jess | | _ |
|--------------|----------|---------|---|
| Signature: _ | 1/2/ | plin | |
| Date: | Dr. 1 | 4, 200C | |

LeA 33030-US, -US01, -US02, -US03, -US04.

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REEL: 023720 FRAME: 0811

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| Name: | Dr. Bader | | | |
|---------------------------|-----------|--|--|--|
| Signature: <u>N. Back</u> | | | | |
| Date: Dec. 11, 2009 | | | | |

Name of Assignee: Bayer CropScience Aktiengesellschaft

| Name: | Dr. Nowak |
|--------------|---------------|
| Signature: _ | 14. Dez. 2009 |
| Date: | |
| | 11 |
| Name: | Dr. Krieg |
| Signature: _ | Ma. /m |
| Date: | Pec. 14, 2009 |

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LeA 33030-US, -US01, -US02, -US03, -US04.

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RECORDED: 01/04/2010

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