

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3724775

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	04/01/2012

CONVEYING PARTY DATA

Name	Execution Date
BAYER CROPSOURCE AG	01/13/2016

RECEIVING PARTY DATA

Name:	BAYER INTELLECTUAL PROPERTY GMBH
Street Address:	ALFRED-NOBEL-STRASSE 10
City:	MONHEIM
State/Country:	GERMANY
Postal Code:	40789

PROPERTY NUMBERS Total: 51

Property Type	Number
Patent Number:	8324133
Patent Number:	8088927
Patent Number:	8026195
Patent Number:	7803821
Patent Number:	8440591
Patent Number:	8877684
Patent Number:	8283349
Application Number:	12452090
Application Number:	12452099
Patent Number:	8334390
Patent Number:	9102588
Patent Number:	8410157
Patent Number:	8226966
Patent Number:	8735323
Patent Number:	9060518
Application Number:	14716704
Patent Number:	8466176
Patent Number:	8981111
Patent Number:	8614217

PATENT

Property Type	Number
Patent Number:	8492388
Patent Number:	8927581
Patent Number:	8349884
Application Number:	13714295
Patent Number:	8372982
Patent Number:	9131685
Patent Number:	8772266
Application Number:	14166773
Patent Number:	6872847
Patent Number:	6559156
Patent Number:	6639097
Patent Number:	7786148
Application Number:	12843786
Patent Number:	8168660
Application Number:	13430477
Patent Number:	8410020
Patent Number:	7776892
Patent Number:	7670990
Patent Number:	7723363
Patent Number:	7687067
Patent Number:	7790901
Patent Number:	8865908
Patent Number:	7777045
Patent Number:	7888289
Patent Number:	7825068
Patent Number:	7960391
Patent Number:	8148538
Patent Number:	7951973
Patent Number:	8314269
Patent Number:	8148419
Application Number:	12085378
Patent Number:	6893650

CORRESPONDENCE DATA

Fax Number: (212)382-0888

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.

Phone: 212-382-0700

Email: dlamourt@ostrolenk.com

Correspondent Name:	OSTROLENK FABER LLP
Address Line 1:	1180 AVENUE OF THE AMERICAS
Address Line 4:	NEW YORK, NEW YORK 10036

ATTORNEY DOCKET NUMBER:	4976-120
--------------------------------	----------

NAME OF SUBMITTER:	WILLIAM O GRAY, III
---------------------------	---------------------

SIGNATURE:	/William O Gray/
-------------------	------------------

DATE SIGNED:	02/03/2016
---------------------	------------

Total Attachments: 7

source=01868727#page1.tif
source=01868727#page2.tif
source=01868727#page3.tif
source=01868727#page4.tif
source=01868727#page5.tif
source=01868727#page6.tif
source=01868727#page7.tif

BCS

Atty Ref. No. 4976-120

CERTIFICATION OF PRIOR ASSIGNMENT OR ASSIGNMENT NUNC PRO TUNC

WHEREAS, Bayer CropScience AG, a corporation organized and existing under the laws of Germany, located at Alfred-Nobel-Strasse 50, 40789 Monheim, Germany, (hereinafter referred to as ASSIGNOR) has previously executed legal documents effective April 1, 2012 with the intent of, and on information and belief with the effect of, assigning, *inter alia*, all right, title and interest, in the United States, to patents and patent applications attached as Addendum A hereto, and to the inventions described therein, (hereinafter referred to as PATENT PROPERTIES, which term shall include the patents and applications listed in Addendum A and the inventions described therein and any United States patents granted therefor and United States applications filed therefor, whether previously-existing, or filed or granted in the future) to Bayer Intellectual Property GmbH, a corporation organized and existing under the laws of Germany, located at Alfred-Nobel-Strasse 10, 40789 Monheim, Germany, (hereinafter referred to as ASSIGNEE);

WHEREAS, Bayer Intellectual Property GmbH (ASSIGNEE) is desirous of recording a certification of its foregoing previously-acquired United States rights to all right, title and interest in and to said PATENT PROPERTIES, or in the alternative of hereby acquiring *nunc pro tunc* with effect as of April 1, 2012, all right, title and interest, in the United States, in and to said PATENT PROPERTIES;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby certifies that it executed legal documents effective on April 1, 2012 with the intent to, and on information and belief with the effect to, sell, assign and set over to said ASSIGNEE, the entire right (including priority rights), title and interest for the United States, in and to the aforesaid PATENT PROPERTIES, including in and to said inventions disclosed therein, and including without limitation all related original, divisional, continuation, substitute, reissue and reexamination applications for patents applied for or granted therefor, including future patent applications and

01845793.1

PATENT
REEL: 037689 FRAME: 0659

US- 0870646 (23.12.15)

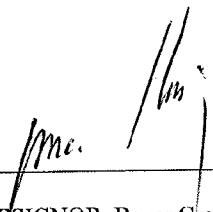
future patent grants, in the United States, including all rights of priority from the filing of said granted patents and patent applications and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said ASSIGNEE herein, as ASSIGNEE of the entire interest therein; and the undersigned for itself and its legal representatives, heirs, and assigns does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, substitute and reissue United States applications for patent on said inventions and all assignments thereof to said ASSIGNEE or its assigns, to communicate to said ASSIGNEE or its representatives all facts known to the undersigned respecting said inventions, whenever requested to testify in any Interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths or declarations, and to do generally everything necessary to aid said ASSIGNEE, its successors, assigns, and nominees to obtain patent protection for said inventions in the United States, the expenses incident to said applications to be borne by and paid by said ASSIGNEE.

To the extent that the aforementioned executed legal documents effective April 1, 2012 failed or fails, in whole or in part, to have assigned sold or transferred the entire right (including priority rights), title and interest in and for the United States in and to the PATENT PROPERTIES including in and to all inventions which are disclosed in the PATENT PROPERTIES, then in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby, effective *nunc pro tunc* on April 1, 2012 sell, assign and set over to said ASSIGNEE, its successors assigns and nominees, the entire right (including priority rights), title and interest for the United States, in and to the aforesaid PATENT PROPERTIES, including in and to said inventions disclosed therein, including without limitation all related original, divisional, continuation, substitute, reissue and reexamination applications for patents applied for or granted therefor in the United States, including future patent applications and future patent grants, including all rights of priority from the filing of said patents and patent applications and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said

inventions or resulting therefrom to said ASSIGNEE herein, as ASSIGNEE of the entire interest therein; and the undersigned for itself and its legal representatives, heirs, and assigns does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, substitute and reissue United States applications for patent on said inventions and all assignments thereof to said ASSIGNEE or its assigns, to communicate to said ASSIGNEE or its representatives all facts known to the undersigned respecting said inventions, whenever requested to testify in any Interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths or declarations, and to do generally everything necessary to aid said ASSIGNEE, its successors, assigns, and nominees to obtain patent protection for said inventions in the United States, the expenses incident to said applications to be borne by and paid by said ASSIGNEE.

ASSIGNOR covenants with ASSIGNEE that the undersigned is an officer of the ASSIGNOR authorized by the ASSIGNOR to convey the rights herein described.

X
DATE 2016-01-13

X


ASSIGNOR, Bayer CropScience AG

Printed name of Signatory: Dr. Robert Krieg

Corporate Title of Signatory: authorized officer

01845793.1

Addendum A (Page 1 of 4)

Transfer of Rights from Bayer CropScience AG to Bayer Intellectual Property GmbH

Bayer Ref. No.	Atty Ref. No.	U.S. Appln No.	§371(c)(1), (2), (4) or Filing Date in U.S.	U.S. Patent No.	Issue Date
BCS 05-4014G2 PCT-US	3610-99	11/919,618	1/11/2008	8,324,133	12-4-2012
BCS 06-4001 PCT-US	3610-107	12/223,105	8/1/2008	8,088,927	1-3-2012
BCS 06-4013 PCT-US	3610-112	12/309,805	4/1/2009	8,026,195	9-27-2011
BCS 06-4015 PCT-US	3610-113	12/311,376	3/27/2009	7,803,821	9-28-2010
BCS 06-4018 PCT-US	3610-115	12/448,233	8/4/2009	8,440,591	5/14/2013
BCS 06-4019 PCT-US	6280-2 (3610-114)	12/448,147	8/4/2009	8,877,684	11-4-2014
BCS 07-4005 PCT-US	3610-116	12/449,431	11/23/2009	8,283,349	10/9/2012
BCS 07-4010 PCT-US	4976-113	12/452,090	12/14/2009		
BCS 07-4011 PCT-US	4976-112	12/452,099	2/23/2010		
BCS 07-4012G2 PCT-US	3610-122	12/452,887	3/29/2010	8,334,390	12/18/2012
BCS 07-4012G2 US01 Div	3610-155 (DIV)	13/683,218	11/12/2012	9,102,588	8/11/2015
BCS 07-4014 PCT-US	3610-125	12/452,925	1/31/2010	8,410,157	4/2/2013

Addendum A (Page 2 of 4)

Transfer of Rights from Bayer CropScience AG to Bayer Intellectual Property GmbH

Bayer Ref. No.	Atty Ref. No.	U.S. Appln. No.	§371(c)(1), (2), (4) or Filing Date in U.S.	U.S. Patent No.	Issue Date
BCS 07-4015G2 PCT-US	3610-126	12/452,921	1/28/2010	8,226,966	7/24/2012
BCS 07-4016 PCT-US	3610-124	12/452,910	1/27/2010	8,735,323	5/27/2014
BCS 08-4001 PCT-US	4976-94	12/735,430	10/26/2010	9,060,518	6/23/2015
BCS 08-4001 PCT-US01	3610-199 (CON)	14/716,704	5/19/2015		
BCS 08-4006 PCT-US	4976-96	12/933,276	1/6/2011	8,466,176	6/18/2013
BCS 08-4009 PCT-US	4976-97	12/989,361	10/22/2010	8,981,111	3/17/2015
BCS 08-4011 PCT-US	4976-98	13/002,497	4/27/2011	8,614,217	12/24/2013
BCS 08-4012 PCT-US	4976-99	13/002,643	4/20/2011	8,492,388	7/23/2013
BCS 08-4018 PCT-US	3610-135	13/057,733	2/7/2011	8,927,581	1/6/2015
BCS 09-4003 PCT-US	3610-141	13/146,633	7/28/2011	8,349,884	1/8/2013
BCS 09-4003 PCT-US01 Div 1	3610-159 (DIV)	13/714,295	12/13/2012		
BCS 09-4005 PCT-US	3610-142	13/201,616	8/15/2011	8,372,982	2/12/2013
BCS 09-4007 PCT-US	6280-3 (3610-145)	13/266,814	10/28/2011	9,131,685	9/15/2015
BCS 09-4008 PCT-US01	3610-146	13/319,614	11/9/2011	8,772,266	7/8/2014
BCS 09-4008 PCT-US02 Div 1	3610-176 (DIV)	14/166,773	1/28/2014		

Addendum A (Page 3 of 4)

Transfer of Rights from Bayer CropScience AG to Bayer Intellectual Property GmbH

Bayer Ref. No.	Atty Ref. No.	U.S. Appln. No.	§371(c)(1), (2), (4) or Filing Date in U.S.	U.S. Patent No.	Issue Date
01M220G1 PCT-US	4976-24	10/476,706	11/3/2003	6,872,847	3/29/2005
98C119 PCT-US	4976-11	09/762,775	4/6/2001	6,559,156	5/6/2003
99C116 PCT-US	4976-30	10/088,379	7/29/2002	6,639,097	10/28/2003
BCS 04-4001 PCT-US	4976-35	10/587,802	10/10/2006	7,786,148	8/31/2010
BCS 04-4001 PCT-US01	4976-84 (CON)	12/843,786	7/26/2010		
BCS 04-4002 PCT-US	4976-36	10/587,801	8/12/2006	8,168,660	5/1/2012
BCS 04-4002 PCT-US01	4976-89 (CON)	13/430,477	3/26/2012		
BCS 04-4003 PCT-US	4976-37	10/588,360	10/10/2006	8,410,020	4/2/2013
BCS 04-4005 PCT-US	4976-38	10/588,532	10/12/2006	7,776,892	8/17/2010
BCS 04-4006 PCT-US	4976-79	10/588,534	10/12/2006	7,670,990	3/2/2010
BCS 04-4008 PCT-US	4976-39	10/588,985	10/12/2006	7,723,363	5/25/2010
BCS 04-4013 PCT-US	4976-40	11/587,909	12/29/2006	7,687,067	3/30/2010
BCS 04-4022 PCT-US	4976-44	11/793,561	6/19/2007	7,790,901	9/7/2010
BCS 04-4022 PCT-US01	4976-85 (DIV)	12/847,152	7/30/2010	8,865,908	10/21/2014
BCS 04-4023 PCT-US	4976-45	11/793,501	9/17/2007	7,777,045	8/17/2010

Addendum A (Page 4 of 4)

Transfer of Rights from Bayer CropScience AG to Bayer Intellectual Property GmbH

Bayer Ref. No.	OF File No.	U.S. Appln. No.	§371(c)(1), (2), (4) or Filing Date in U.S	U.S. Patent No.	Issue Date
BCS 05-4008 PCT-US	4976-48	11/887,715	12/11/2007	7,888,289	2/15/2011
BCS 05-4009 PCT-US	4976-49	11/887,713	12/11/2007	7,825,068	11/2/2010
BCS 05-4011 PCT-US	4976-50	11/919,598	10/29/2007	7,960,391	6/14/2011
BCS 05-4033 PCT-US	4976-57	12/083,123	4/4/2008	8,148,538	4/3/2012
BCS 05-4034 PCT-US	4976-15	12/085,300	9/15/2008	7,951,973	5/31/2011
BCS 05-4034 PCT-US01	4976-86 (CON)	13/094,664	4/26/2011	8,314,269	11/20/2012
BCS 05-4035 PCT-US	4976-58	12/085,213	8/8/2008	8,148,419	4/3/2012
BCS 05-4036 PCT-US	4976-22	12/085,378	5/21/2008		
99C102-USA	4976-2	09/890,775	9/26/2002	6,893,650	5/17/2005