

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8159820

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BAYER AKTIENGESELLSCHAFT	09/04/2023
BAYER CROPSCIENCE AKTIENGESELLSCHAFT	09/04/2023
BAYER INTELLECTUAL PROPERTY GMBH	09/04/2023
BAYER CROPSCIENCE LP	09/04/2023
BAYER CROPSCIENCE KK	09/04/2023
RECEIVING PARTY DATA	
Name:	DISCOVERY PURCHASER CORPORATION
Street Address:	1209 ORANGE STREET
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19801
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	15485838
Application Number:	17931392
Application Number:	17936953
CORRESPONDENCE DATA	
Fax Number:	(301)476-4851
<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>	
Email:	docketing@mmviplaw.com
Correspondent Name:	MCBEE MOORE & VANIK IP, LLC
Address Line 1:	10 SOUTH MARKET STREET, 2ND FLOOR
Address Line 4:	FREDERICK, MARYLAND 21701
ATTORNEY DOCKET NUMBER:	3000135-265000/328001/329
NAME OF SUBMITTER:	LISA SATTERFIELD
SIGNATURE:	/Lisa Satterfield/
DATE SIGNED:	09/11/2023
Total Attachments: 14	

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CONFIRMATORY PATENT AMENDMENT AGREEMENT

This Amendment Agreement ("**Agreement**"), is by and between

1. **Bayer Aktiengesellschaft**, also known as **Bayer AG**, a stock corporation incorporated and existing under German law, with corporate seat Kaiser-Wilhelm-Allee 1, 51373 Leverkusen, Germany, registered in the commercial register of the local court of Cologne under HRB 48248,
2. **Bayer CropScience Aktiengesellschaft**, also known as **Bayer CropScience AG**, Alfred-Nobel-Str. 50, 40789 Monheim am Rhein, Germany,
3. **Bayer Intellectual Property GmbH**, Alfred-Nobel-Str. 10, 40789 Monheim am Rhein, Germany,
4. **Bayer CropScience LP**, 800 North Lindbergh Boulevard, St. Louis Missouri 63167, United States of America,
5. **Bayer CropScience KK**, Marunouchi Kitaguchi Bldg. 1-6-5, Marunouchi Chiyoda-ku, Tokyo 100-8262, Japan,

- hereinafter collectively referred to as "**Assignor**" -

and

6. **Discovery Purchaser Corporation**, a corporation incorporated and existing under the laws of the State of Delaware, with registered office at 1209 Orange Street, Wilmington, County of New Castle, 19801, Delaware, United States of America,

- hereinafter referred to as "**Assignee**" -

- **Assignor** and **Assignee** together the "**Parties**" and each individually a "**Party**" -

CONFIRMATORY AMENDMENT AGREEMENT

WHEREAS, Assignor has assigned any and all of its rights, title, and interest, including the right to claim priority to, and file follow-on applications based directly or indirectly on, the patent applications and the granted patents listed in attached Schedules 1 and 2 on the basis of a share and purchase agreement (SAPA) effective as of October 1, 2022 and associated Patent Assignment Agreement (PAA);

WHEREAS, Assignee desires to register its ownership and Assignor is willing to confirm the assignment of the patent applications and the granted patents listed in attached Schedules 1 and 2, and follow-on applications claiming priority directly or indirectly to the same;

WHEREAS, Assignee desires to confirm the Amendment Agreement to the PAA, the Amendment Agreement dated 03 August 2023 (effective), signed 24 July 2023, 03 August 2023, between Assignor and Assignee.

NOW, THEREFORE, the Parties agree that the patent applications and the granted patents sold under the SAPA and assigned to Assignee under the PAA include the following items:

1. The patent applications and the patent listed in Schedule 1 of this Agreement, and patents issuing therefrom;
 - (a) Any and all follow-on patent family members filed on or after October 1, 2022 claiming priority to patent applications listed in Schedule 1 of this Agreement pending on the respective dates of the respective follow-on filings or later revived, anywhere in the world;
 - (b) Any and all subsequent follow-on patent family members claiming priority to patent applications falling under item 1(a) of this Agreement pending on the respective dates of the respective subsequent follow-on filings or later revived, anywhere in the world;
2. The patent applications and patents listed in Schedule 2, and patents issuing therefrom;
 - (a) Any and all follow-on patent family members filed on or after October 1, 2022 claiming priority to patent applications listed in Schedule 2 pending on the respective dates of the respective follow-on filings or later revived, anywhere in the world;
 - (b) Any and all subsequent follow-on patent family members claiming priority to patent applications falling under item 2(a) of this Agreement pending on the respective dates of the respective subsequent follow-on filings or later revived, anywhere in the world; and

CONFIRMATORY AMENDMENT AGREEMENT

3. The applications and patents under items 1(a), 1(b), 2(a), and 2(b) of this Agreement include without limitation:

- (a) Provisional patent applications;
- (b) Non-provisional patent applications and patents issuing therefrom;
- (c) Patent applications filed under the Paris Convention for the Protection of Industrial Property and patents issued therefrom;
- (d) International patent applications filed under the Patent Cooperation Treaty;
- (e) National/Regional stage patent applications filed based on international patent applications and patents issuing therefrom;
- (f) Continuation patent applications and patents issuing therefrom;
- (g) Continuation-in-part patent applications and patents issuing therefrom;
- (h) Divisional patent applications and patents issuing therefrom;
- (i) Reissue patent applications and patents issuing therefrom;
- (j) Re-examination patent applications and patents issuing therefrom;
- (k) Design patent applications and patents issuing therefrom;
- (l) Revived patent applications and patents issuing therefrom;
- (m) Revived patents;
- (n) National patents validated from regional patents;
- (o) Unitary patents;
- (p) Substitution patents;
- (q) Term-adjusted patents; and
- (r) Term-extended patents.

This Agreement may be executed in any number of counterparts, and each such counterpart hereof shall be deemed to be an original instrument, but all such counterparts together shall constitute but one agreement.

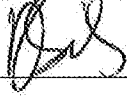
[signature pages follow]

CONFIRMATORY AMENDMENT AGREEMENT

Place: Leverkusen,

Date: September 4, 2023

Bayer Aktiengesellschaft
(also known as Bayer AG)

Signature: 

Print Name: Dr. Deny-Jean Silny

Function: Attorney-in-fact

Witness Signature (if required): Date:

Witness Name:

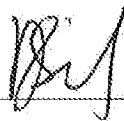
[NOTARY CERTIFICATE/SEAL BELOW]

CONFIRMATORY AMENDMENT AGREEMENT

Place: Leverkusen,

Date: September 4, 2023

Bayer CropScience Aktiengesellschaft
(also known as **Bayer CropScience AG**)

Signature:  _____

Print Name: Dr. Deny-Jean Silny

Function: Attorney-in-fact

Witness Signature (if required): _____ Date: _____

Witness Name: _____

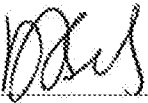
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CONFIRMATORY AMENDMENT AGREEMENT

Place: Leverkusen,

Date: September 4, 2023

Bayer Intellectual Property GmbH

Signature: 

Name: Dr. Deny-Jean Silny

Function: Attorney-in-fact

Witness Signature (if required): Date:

Witness Name:

[NOTARY CERTIFICATE/SEAL BELOW]

CONFIRMATORY AMENDMENT AGREEMENT

Place: Leverkusen,

Date: September 4, 2023

Bayer CropScience LP

Signature:  _____

Name: Dr. Deny-Jean Silny

Function: Attorney-in-fact

Witness Signature (*if required*): _____ Date: _____

Witness Name: _____

[NOTARY CERTIFICATE/SEAL BELOW]

CONFIRMATORY AMENDMENT AGREEMENT

Place: Leverkusen,

Date: September 4, 2023

Bayer CropScience KK

Signature:  _____

Name: Dr. Deny-Jean Silay

Function: Attorney-in-fact

Witness Signature (if required): _____ Date: _____

Witness Name: _____


[NOTARY CERTIFICATE/SEAL BELOW]

CONFIRMATORY AMENDMENT AGREEMENT

Place: Carry, N.C., USA

Date: 2023-09-08

Discovery Purchaser Corporation



Print Name: Jason Bryan

Function: Assistant Secretary

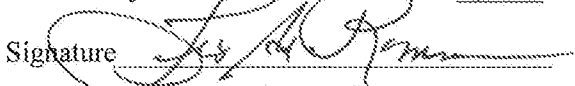
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State of North Carolina

County of Johnston

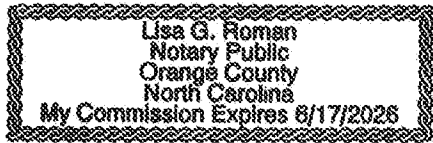
I, Lisa G. Roman, Notary Public, do hereby certify that Jason Bryan personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal this 8th day of August, 2023.

Signature 

Printed Name Lisa G. Roman

My Commission Expires June 17, 2026



(Seal)

UNITED STATES							
Internal Title	File No	Comment	Country of Application	Application No	Application Date	Patent No	Status
Value Added Pest Control System with Smart Learning	BCS166007 US	MMVRef: 3000135-265000	US – United States	15/485,838	12.04.2017	10152035	04 - active
High-Speed System for Weed Control	CON of BCS173039 PCT-US	MMVRef: 3000135-328001	US – United States	17/931,392	12.09.2022	n/a	04 - active
Weed Control at High Speed	CON of BCS173040 PCT-US	MMVRef: 3000135-329001	US – United States	17/936,953	30.09.2022	n/a	04 - active

UNITED STATES OF AMERICA						
Code	Country	Serial Number	Filing Date	Title	Patent No.	Reference
US	United States	12/090238	10/19/2005	Fungizide Zusammensetzung zur Behandlung von Gras	8426456	BCS07-3081 PCT-US
US	United States	11/301,370	12/13/2005	Insecticidal Fertilizer Mixtures	7851499	CS8652 US
US	United States	11/472,004	6/21/2006	Method Of Improving Turfgrass Quality	8153558	CS7968 US C01
US	United States	12/282275	3/8/2007	Koder auf Zuckerbasis	8889725	BCS06-3006 PCT-US
US	United States	12/226428	3/30/2007	Turf herbicidal composition	8188007	TOKUNO202 PCT-US
US	United States	11/886,618	1/16/2009	Method Of Combating Turf Pests With A Combination Of Imidacloprid And Bifenthrin	8202527	CS8488 PCT-US
US	United States	12/867,152	2/19/2009	Composition And System For Turf Maintenance	8921269	CS9026 PCT-US
US	United States	12/993154	5/19/2009	Indoor Residual Spray formulations containing polymer	8815269	BCS08-3035 PCT-US01
US	United States	12/506,456	7/21/2009	Method For Weed Control In Lawn	8426342	BCS08-1042
US	United States	12/761,144	4/15/2010	Fungicidal Compositions For Turf Treatment And Improvement	8377850	CS9066 US01
US	United States	13/024524	2/10/2011	Fungizide Zusammensetzung zur Behandlung von Gras	8324259	BCS07-3081 PCT-US01
US	United States	13/237,104	9/20/2011	Method Of Improving Turfgrass Quality	8426343	CS7968 US C02
US	United States	13/330376	12/19/2011	Insektizid-Mikroverkapselungen charakterisiert durch Grenzflächenkristallisation	9451764	BCS10-3118 US01
US	United States	13/666,631	11/1/2012	Compositions and Methods for Enhancing Plant Quality	9820490	BCS11-6007 US02
US	United States	13/749,433	1/24/2013	Fungicidal Compositions For Turf Treatment And Improvement	9113632	CS9066 US01 N
US	United States	13/790,375	3/8/2013	Combination and Methods for Controlling Turfgrass Pests	9241486	BCS12-6004 US01
US	United States	14/400,574	5/14/2013	Insektizide Wasser-in-Öl Formulierung / YAMO II Formulierung	10104884	BCS11-3042 PCT-US
US	United States	13/902,364	5/24/2013	Tribute Total Synergy	9781934	BCS12-6005 US01
US	United States	14/329,206	7/11/2014	Indoor Residual Spray formulations containing polymer	9078433	BCS08-3035 PCT-US02

UNITED STATES OF AMERICA						
US	United States	14/523,057	10/24/2014	METHOD OF IMPROVING TURFGRASS QUALITY	9259004	CS7968 US C02 N N N
US	United States	14/629,824	2/24/2015	Non-Volatile Organic Compound Pesticide Formulations	9497971	BCS156003 US
US	United States	15/226,571	8/2/2016	Non-Volatile Organic Compound Pesticide Formulations	10588319	BCS156003 US D
US	United States	15/442,199	2/24/2017	Methods And Compositions For Environmentally Friendly Pest Control	10785976	BCS166006 US01
US	United States	15/485,820	4/12/2017	Digital Pest Management System Business Method - K Lynn	10834914	BCS166008 US
US	United States	15/694,263	9/1/2017	Tribute Total Synergy	10231456	BCS12-6005 US01 D
US	United States	15/699,378	9/8/2017	Compositions and Methods for Enhancing Plant Quality	10517301	BCS11-6007 US02N
US	United States	15/700,849	9/11/2017	Methods And Compositions For Eliminating Fungal Spores And Improving Plant Quality	10645935	BCS166004 US01
US	United States	15/717,083	9/27/2017	Methods And Compositions For Environmentally Friendly Pest Control	10785977	BCS166006 US01 N
US	United States	15/846,479	12/19/2017	Animal Trap/Sensor system	11033018	BCS166009 US02
US	United States	15/871,234	1/15/2018	Method Of Improving Plant Health And Rooting On Conifers And Deciduous Plants	10772328	BCS166011 US01
US	United States	16/604,014	4/12/2018	Digital Pest Management System Business Method - K Lynn		BCS166008 PCT-US
US	United States	16/607,498	4/23/2018	Modularer Spriihzug		BCS173035 PCT-US
US	United States	16/607,620	4/24/2018	Hochgeschwindigkeitssystem zu Unkrautbekämpfung		BCS173039 PCT-US
US	United States	16/609,754	4/26/2018	Neue Heterocyclische Verbindungen als Schadlingsbekämpfungsmittel		BCS173012 PCT-US
US	United States	16/613,046	5/11/2018	Bewegliche Spruhdusen		BCS173040 PCT-US
US	United States	16/628,592	7/2/2018	Liquid Mulch Sandwich		BCS173078 PCT-US
US	United States	16/628,987	7/2/2018	Electrostatic weed control		BCS173074 PCT-US

UNITED STATES OF AMERICA						
US	United States	16/155,178	10/9/2018	Invasive Annual Grass Control in Natural Areas and Rangeland		BCS186010 US
US	United States	16/166,945	10/22/2018	Vegetation Detection And Alert System For A Railway Vehicle	10370014	BCS173033 US01 N
US	United States	16/180,714	11/5/2018	Digital Pest Management System Business Method	11073801	BCS166007 US N
US	United States	16/264,528	1/31/2019	Virtual PAK & Argonomic Planner		BCS186011 US01
US	United States	16/969,116	2/11/2019	AirShield	US-2021-0037700-A1	BCS173100 PCT-US
US	United States	17/055,380	5/2/2019	System for detection of obstacles		BCS183022 PCT-US
US	United States	16/419,241	5/22/2019	System And Method For Vegetation Management Risk Assessment And Resolution	11010608	BCS186005 US01
US	United States	16/454,840	6/27/2019	Vegetation Detection And Alert System For A Railway Vehicle	11046340	BCS173033 US01 N N
US	United States	PCT/US2019/054991	10/7/2019	Invasive Annual Grass Control in Natural Areas and Rangeland		BCS186010 PCT-US
US	United States	17/309,641	12/10/2019	Insecticidal compositions with increased contact efficacy		BCS183129 PCT-US
US	United States	17/309,740	12/10/2019	Insecticidal compositions with increased contact efficacy		BCS183108 PCT-US
US	United States	16/710,965	12/11/2019	Treatment Of Pastures With Indaziflam	11166463	BCS186015 US01
US	United States	PCT/US2019/065753	12/11/2019	Gel Bait Applicator		BCS186008 PCT-US
US	United States	16/749,664	1/22/2020	Methods and Formulations for Preventing Downward Migration of Agricultural Materials		BCS186014 US01
US	United States	16/774,840	1/28/2020	Glue Board Sensor for Animal Trap System		BCS196002 US01
US	United States	17/430,051	2/6/2020	Digitrap		BCS193026 PCT-US
US	United States	16/792,930	2/18/2020	Non-Volatile Organic Compound Pesticide Formulations		BCS156003 US D N D
US	United States	PCT/US2020/044962	8/5/2020	Method for improving plant health with in-situ formed		BCS196004 PCT-US

UNITED STATES OF AMERICA						
				water absorbing hydrogels (esp. for turfgrass)		
US	United States	16/986,745	8/6/2020	Method for improving plant health with in-situ formed water absorbing hydrogels (esp. for turfgrass)		BCS196004 US01
US	United States	17/123,729	12/16/2020	Dust Formulation Comprising a Carrier to Which Active Ingredients Are Applied Via a Solvent		BCS196008 US01
US	United States	PCT/US2020/065492	12/17/2020	Dust Formulation Comprising a Carrier to Which Active Ingredients Are Applied Via a Solvent		BCS196008 PCT-US
US	United States	17/316,606	5/10/2021	Animal Trap/Sensor system		BCS166009 US02 N
US	United States	17/496,243	10/7/2021	Treatment Of Pastures With Indaziflam		BCS186015 US01 N
US	United States	17/675,825	2/18/2022	Treatment Of Pastures With Indaziflam		BCS186015 US01 N N
US	United States	17/737,451	5/5/2022	Treatment Of Pastures With Indaziflam		BCS186015 US01 N N01
US	United States	63/404,004	9/6/2022	Microencapsulated oxadiazon formulations	N/A	BCS226276 US