

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CARGILL, INCORPORATED	10/31/2022
RECEIVING PARTY DATA	
Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Street Address:	7100 NW 62ND AVENUE
Internal Address:	PO BOX 1014
City:	JOHNSTON
State/Country:	IOWA
Postal Code:	50131-1014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	9334483
CORRESPONDENCE DATA	
Fax Number:	
<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:	MEGAN.WARD@CORTEVA.COM
Correspondent Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Address Line 1:	7100 NW 62ND AVENUE
Address Line 2:	PO BOX 1014
Address Line 4:	JOHNSTON, IOWA 50131-1014
ATTORNEY DOCKET NUMBER:	90404-US-PCT
NAME OF SUBMITTER:	MEGAN WARD
SIGNATURE:	/Megan Ward/
DATE SIGNED:	12/13/2022
Total Attachments: 9	
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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT (this “**Assignment**”) is entered into as of October 31, 2022 (the “**Effective Date**”), by and between Cargill, Incorporated, a Delaware corporation (“**Cargill**”) and Pioneer Hi-Bred International, Inc., an Iowa corporation (“**Pioneer**” and, together with Cargill, the “**Parties**”).

WHEREAS, the Parties entered into that certain Asset Purchase Agreement, dated as of July 19, 2022 (the “**Purchase Agreement**”), pursuant to which Pioneer purchased certain assets used by Cargill in the conduct of the Business (as defined in the Purchase Agreement);

WHEREAS, in connection with the transactions contemplated by the Purchase Agreement, Cargill now desires to assign to Pioneer all of Cargill’s right, title and interest in and to the patents and patent applications set forth in Schedule A, attached hereto and incorporated herein by reference (the “**Transferred Patents**”) and Pioneer desires to take assignment and transfer of the Transferred Patents from Cargill and assume the obligations of Cargill related thereto.

NOW THEREFORE, for valuable consideration, the receipt and adequacy of which is hereby acknowledged, and in consideration of the mutual covenants and undertakings contained in this Assignment, the Parties, intending to be legally bound, covenant and agree as follows:

1. Assignment. Cargill hereby sells, conveys, assigns, transfers and delivers to Pioneer, its successors and assigns, Cargill’s entire right, title, and interest in and to the Transferred Patents including (1) all provisional, non-provisional, divisional, renewal, substitute, continuation, continuations-in part, international and convention applications based in whole or in part upon aforesaid Patents, and all patents which may be granted thereon and all reissues, reexaminations, and extensions thereof, (2) all applications for patents which may hereafter be filed for said patents in any country or countries, and all patents which may be granted for said applications in any country or countries, (3) the right to have said patents granted in the name of Pioneer, the Commissioner of Patents and Trademarks of the United States of America and any counterpart in any other patent office being hereby authorized to issue or transfer all of said patents to Pioneer in accordance herewith, (4) all proceeds thereof and the rights to sue for past, present and future infringements of the Patents and (5) any right of priority derived from such Patents by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding as fully and entirely as the same would have been enjoyed by Cargill, had the Purchase Agreement and this assignment not been made.

2. Cooperation. Cargill agrees to execute, acknowledge and deliver, or cause to be executed, acknowledged and delivered, such further instruments and documents and to perform such further acts as may be reasonably requested by Pioneer to effectuate more fully the transaction contemplated by this Assignment.

3. Governing Laws. This Agreement, and all claims or causes of action that are based on, arise out of, or relate to this Agreement, will be governed by and enforced in accordance with the Laws (as defined in the Purchase Agreement) of the State of Delaware without regard to its

conflicts of law rules and any other Law that would cause the application of the Laws (including the statute of limitations) of any jurisdiction other than the State of Delaware.

4. Successors and Assigns. This Assignment shall inure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.

5. Amendment and Modification; Waiver. This Assignment may be amended, modified or supplemented only by an agreement in writing signed by each Party. No waiver by any party of any of the provisions hereof shall be effective unless explicitly set forth in writing and signed by the party so waiving. Except as otherwise set forth in this Assignment, no failure to exercise, or delay in exercising, any rights, remedy, power or privilege arising from this Assignment shall operate or be construed as a waiver thereof; nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege.

6. Counterparts. This Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Assignment delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Assignment.

[Signature Page Follows]

IN WITNESS WHEREOF, the Parties have duly executed this Assignment with effect as of the Effective Date.

CARGILL, INCORPORATED

DocuSigned by:
By: Natalia Orlova
Name: Natalia Orlova
Title: Vice President, Global Edible Oil Solutions
North America
Date: 31 october 2022

PIONEER HI-BRED INTERNATIONAL, INC.

DocuSigned by:
By: George Duko
Name: George Duko
Title: Authorized Representative, Vice-President,
Mergers & Acquisitions
Date: 31 october 2022

Schedule A**Patents and Patent Applications**

Cargill Ref #	Patent No.	Status*	Title	Filed/Grant Date	Action Due
N00308	WO2017023754	Expired	CANOLA OIL COMPOSITIONS WITH PARTICULAR TRIACYLGLYCEROL DISTRIBUTIONS		
	EP3328976A1	Application		2/14/2018	Next annuity due 07/31/2023, Patent expires 07/29/2036
N00060	WO2011150028	Expired	BRASSICA PLANTS YIELDING OILS WITH A LOW ALPHA LINOLENIC ACID CONTENT		
	AU2011373683B2	Granted		Grant Date 07/20/2017	Next annuity due 7/25/2023, Patent expires 7/25/2031
	AU2011258362B2	Granted		Grant Date 10/20/2016	Next annuity due 5/25/2023, Patent expires 5/25/2031
	CA2837011A1	Allowed		11/21/2013	No action due as of date of closing. Next annuity due 5/25/2023.
	CA2,836,992	Application		11/21/2013	No action due as of date of closing. Next annuity due 7/25/2023
	US9185861B2	Granted		Grant Date 11/17/2015	Next annuity due 5/17/2023, Patent expires 5/25/2031
	US9695434	Granted		Grant Date 7/4/2017	Next annuity due 01/04/2025, Patent expires 7/25/2031

N00029	WO2010141476		METHOD OF CREATING A SPRING BRASSICA NAPUS		
	AU2010256751B2	Granted		Grant Date 5/29/2015	Next annuity due 6/1/2023, Patent expires 6/1/2030
	AU2015202535	Granted		Grant Date 1/3/2018	Next annuity due 6/1/2023, Patent expires 6/1/2030
	CA2763780C	Granted		Grant Date 8/17/2021	Next annuity due 6/1/2023, Patent expires 6/1/2030
	US8759608B2	Granted		Grant Date 1/24/2014	Next annuity due 12/24/2025, Patent expires 8/1/2030
	US9029630B2	Granted		Grant Date 5/12/2015	Next annuity due 11/12/2026, Patent expires 6/1/2030
	US9332723B2	Granted		Grant Date 5/10/2016	Next annuity due 11/10/2023, Patent expires 06/01/2030
N00456	WO2017205665	Expired	Engineered nucleases to generate deletion mutants in plants		
	AU2017271575A1	Application		10/22/2018	No action due at this time, Next annuity due 05/25/2023
	CA3021682A1	Application		10/19/2018	No action due at this time, Next annuity due 05/25/2023
	CN109415737A	Application		11/23/2018	No action due as of date of closing
	EP3464600A1	Application		12/7/2018	No action due as of date of closing.

					Next annuity due 05/25/2023
	US11021713B2	Granted		Grant Date 6/1/2021	Next annuity due 12/1/2024, Patent expires 5/25/2037
N00568	WO2019104056	Expired	ENGINEERED NUCLEASES IN PLANT GENERATION		
	CA3082173A1	Application		5/7/2020	Deadline to Request Examination 11/20/2023
	EP3714057A1	Application		6/16/2020	Next annuity due 11/20/2022
	US2020308595A1	Application		5/20/2020	Response to Non- Final Office Action Due 01/27/2023
N00615	WO2020142598	Expired	ENGINEERED NUCLEASES TO GENERATE MUTATIONS IN PLANTS		
	AU2020204657A1	Application		7/5/2021	Deadline to Request Examination 01/02/2025; Next annuity due 01/02/2024
	CA3123890A1	Application		6/16/2021	Deadline to Request Examination 01/02/2024; Next annuity due 01/02/2023
	CN113166776A	Application		6/4/2021	No action due as of date of closing
	EP3906309A2	Application		7/23/2021	No action due as of date of closing; Next annuity due 01/02/2023

	US2022064657A1	Application		1/2/2020	No action due as of date of signing
PT-931	WO2021231098	Published	CLUBROOT RESISTANCE	4/30/2021	
	CA3,175,389	Application		10/12/2022	No action due as of date of closing. Next annuity due 04/30/2023
	EP 21729087.3	Application		10/20/2022	No action due as of date of closing. Next annuity due 04/30/2023.
	US 17/997,195	Application		10/26/2022	No action due as of date of closing.
PT-1109	US 63/369,077	Application	BRASSICA PLANTS WITH MUTANT FATA2-14 ALLELES YIELDING OILS WITH A LOW TOTAL SATURATED FATTY ACID CONTENT	07/22/2022	No action due as of date of closing
N00057	WO2011075716	Expired	BRASSICA PLANTS YIELDING OILS WITH A LOW TOTAL SATURATED FATTY ACID CONTENT		
	AU 2010330777	Granted		Grant Date 2/5/2015	Next annuity due 12/20/2022, Patent Expires 12/20/2030.
	AU 2017245313	Granted		Grant Date 6/20/2019	Next annuity due 12/20/2022, Patent Expires 12/20/2030.
	CA2782423C	Granted		Grant Date 6/18/2019	Next annuity due 12/20/2022, Patent Expires 12/20/2030.

	CA 3041371	Application		4/26/2019	No action due as of date of signing. Next annuity 12/20/2022.
	CN102984935B	Granted		Grant Date 1/13/2016	Next annuity due 12/20/2022. Patent Expires 12/20/2030.
	JP5882225B2	Granted		Grant Date 2/12/2016	Next annuity due 02/12/2023, Patent Expires 12/20/2030.
	NZ600206A	Granted		Grant Date 9/30/2014	Next annuity due 12/20/2022, Patent Expires 12/20/2030.
	SG181114A1	Granted		Grant Date 2/24/2015	Next annuity due 12/20/2022, Patent Expires 12/20/2030..
	US9334483B2	Granted		Grant Date 5/10/2016	Next annuity due 11/10/2023. Patent Expires 12/20/2030
	US10709079B2	Granted		Grant Date 7/14/2020	Next annuity due 01/14/2024. Patent Expires 12/20/2030
N00451	WO2018031293	Expired	SPECIALITY LOW SATURATES CANOLA OIL		
	CA3033357A1	Application		2/7/2019	Next annuity due 08/01/2023
	CN109640679A	Application		2/2/2019	Received OA. Response due 11/15/2022 (extendable)
	US2019174788A1	Allowed		2/6/2019	Received Notice of Allowance. Deadline to pay

					Issue Fee 11/10/2022 .
N00486	US 10440915	Granted	CANOLA CULTIVAR 15RH 0611	Grant date 0/15/2019	Next annuity due 4/15/2023
N00487	US 10440916	Granted	CANOLA CULTIVAR 15RH 0612	Grant date 10/15/2019	Next annuity due 4/15/2023
N00488	US 10440909	Granted	CANOLA CULTIVAR 15RH 0611	Grant date 10/15/2019	Next annuity due 4/15/2023