

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DUANE PAUL WOLF	11/01/2019
RECEIVING PARTY DATA		
Name:	SYNGENTA CROP PROTECTION AG	
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State/Country:	SWITZERLAND	
Postal Code:	4058	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16679685
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ATTORNEY DOCKET NUMBER:	81948-US-REG-ORG-NAT-1	
NAME OF SUBMITTER:	MELISSA HARDY	
SIGNATURE:	/MELISSA HARDY/	
DATE SIGNED:	12/05/2019	
Total Attachments: 4		
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**ASSIGNMENT –
PRIORITY / WORLDWIDE / PATENT COOPERATION TREATY (PCT) COUNTRIES**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

**WOLF, Duane Paul
317 330th Street
Stanton, MN 55018
United States**

has sold and assigned, and by this document hereby sells and assigns, unto

**SYNGENTA CROP PROTECTION AG, Rosentalstrasse 67, 4058, Basel,
Switzerland**

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries and including members of the Patent Cooperation Treaty (PCT) in and to

(1) all inventions and discoveries described in Syngenta Patent Family **81948**

including those described in **VARIETY CORN LINE DWFA4651ZL**, and including, but not limited to, the following filings:

Country / Application Number / Filing Date
US

(2) said invention and provisional and/or priority application and in and to any and all subsequent patent applications which claim the benefit of priority from said provisional and/or priority application including regular utility, continuations, and continuations-in-part, or divisions thereof;

(3) said invention in and to any said patent application for United States Letters Patent(s) and foreign countries relating to all patent application(s) filed in respect of the invention, including all divisional, renewal, substitute, reissues, continuation, non-provisional(s), International Patent Application(s);

(4) all national phase patent applications of said International Patent Application(s);

(5) all continuations (including continuation-in-parts, Convention applications, divisions of all of said patent application(s) (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(5) hereinafter referred to collectively as "patent applications");

(6) all patents that are granted on any of said patent applications;

(7) all registrations and confirmations of and importation certificates based on one or more of said patents;

(8) all substitutes, reissues, renewals and extensions of said patents, reexamination certificates issued for said patents and supplementary protection certificates based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and on said patents;

(9) every priority right and right to claim priority that is or may be predicated upon or arise from said inventions, said patent applications and said patents;

said Assignee being hereby authorized to file patent applications in any or all countries to any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under any international patent treaty (e.g. Patent Cooperation Treaty, Paris Convention, etc.) or otherwise; all Patent Offices (U.S. and foreign) being hereby authorized to issue or transfer all said patents to said Assignee in accordance herewith;

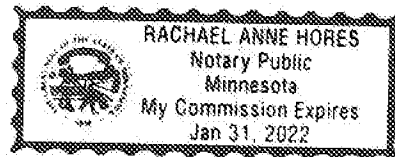
this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will to all acts reasonably serving to ensure that the said inventions, patent applications and patents shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or patents.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of any Patent and Trademark Office for recordation of this Assignment.

Inventor's name and signature /
Inventors' names and signatures
& Date of signing

Signature *Duane Paul Wolf* Date: 11/1/2019
WOLF, Duane Paul

State of: Minnesota
County of: Rice



I, Rachael Hores, a Notary Public for said County and State, do hereby
certify that **WOLF, Duane Paul** personally appeared before me this day, and
acknowledge the due execution of the foregoing instrument.

Witness my hand and official seal this 1 day of November, 2019.

(Official Seal)

Rachael Anne Hores
Notary Public

My commission expires: 1/31/2022

Applicant's signature / Applicants' signatures

SYNGENTA CROP PROTECTION AG


Signature: 

Printed Name: Dale Skellie

Title: Patent Agent

Date: December 5, 2019

SYNGENTA CROP PROTECTION AG

Signature: 

Printed Name: Melissa Hardy

Title: Paralegal

Date: December 5, 2019