503472986 09/10/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAREN M. GALLO	03/06/2015
CLAY BRADY COLE	03/17/2015

RECEIVING PARTY DATA

Name:	SYNGENTA PARTICIPATIONS AG
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14659600

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NAME OF SUBMITTER:	KATIE WU
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DATE SIGNED:	09/10/2015

Total Attachments: 5

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PATENT 503472986 REEL: 036530 FRAME: 0170

ASSIGNMENT – PRIORITY / WORLDWIDE / PATENT COOPERATION TREATY (PCT) COUNTRIES

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

GALLO, Karen M.
778 CR 680
Bay, Arkansas 72411
Citizenship: United States
Country of Residence: United States

COLE, Clay Brady 778 CR 680 Bay, Arkansas 72411 Citizenship: United States Country of Residence: United States

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

SYNGENTA PARTICIPATIONS AG, Schwarzwaldallee 215, 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 80720

including those described in SOYBEAN CULTIVAR BY1213080, and including, but not limited to, the following filings:

Country / Application Number / Filing Date

US / 14/659,600 / March 16, 2015

- (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);

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(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.

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Signature	GALLO, Karen M.	Date:	3-6-15	
	ä			
State of:	Mario S			
County of:	Caighad			
certify that G acknowledge	a Notary Put ALLO, Karen M. personally appet the due execution of the foregoin	ared before in ag instrument	me this day, and t	Уý
Witness my l	nand and official seal this 10^{10} (Jay of ∑ <u>Yay</u>	<u>. , 20 JS</u>	
(Official Seal	PACHEL J. KNIGHT Notary Public-Askonsas Craighead County My Commission Expires 04-02-203 Contailstion # 1238/1728			
Notary Public				
	on expires: <u>에 의 의(공</u> >			

Signature	Date: S-17-15 COLE/ClayBrady
Nanan na	
State of:	Adamses.
County of:	Congress
certify that C	s. Viscontrol and State, do hereby Cole, Clay Brady personally appeared before me this day, and ethe due execution of the foregoing instrument.
Witness my	hand and official seal this 172 day of 1421, 2015
(Official Sea	(1) #ACHEL 2 KNISHI Gotory Public-Arkansos Creignead County My Commission Expires 63-02-2822 Commission 8 12387125
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Applicant's signature / Applicants' signatures

By: Jahan Barran Printed Name: Yoshimi D. Barran Title: Patant Agant Date: Soft 10 2015

SYNGENTA PARTICIPATIONS AG

Printed Name: KANO WI

Title: PAPA PARA AND

Date: SQL 10, 2015

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