

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3755210

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CLAY BRADY COLE	02/19/2016
JOSE APONTE-RIVERA	02/22/2016
ZHANYOU XU	02/12/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Syngenta Participations AG
<b>Street Address:</b>	Schwarzwaldallee 215
<b>City:</b>	Basel
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	CH-4058
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15050775
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)226-7458
<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>	
<b>Phone:</b>	919-226-7445
<b>Email:</b>	global.patents@syngenta.com
<b>Correspondent Name:</b>	YOSHIMI BARRON
<b>Address Line 1:</b>	3054 E. CORNWALLIS RD.
<b>Address Line 4:</b>	DURHAM, NORTH CAROLINA 27709
<b>ATTORNEY DOCKET NUMBER:</b>	80954-US-REG-ORG-NAT-1
<b>NAME OF SUBMITTER:</b>	LYNN STENDLER
<b>SIGNATURE:</b>	/Lynn Stendler/
<b>DATE SIGNED:</b>	02/25/2016
<b>Total Attachments: 28</b>	
source=80954-US-REG-ORG-NAT-1_Assignment_CC1313393_for_recordation#page1.tif	
source=80954-US-REG-ORG-NAT-1_Assignment_CC1313393_for_recordation#page2.tif	
source=80954-US-REG-ORG-NAT-1_Assignment_CC1313393_for_recordation#page3.tif	
source=80954-US-REG-ORG-NAT-1_Assignment_CC1313393_for_recordation#page4.tif	

source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page5.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page6.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page7.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page8.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page9.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page10.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page11.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page12.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page13.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page14.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page15.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page16.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page17.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page18.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page19.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page20.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page21.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page22.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page23.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page24.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page25.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page26.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page27.tif  
source=80954-US-REG-ORG-NAT-1\_Assignment\_CC1313393\_for\_recordation#page28.tif

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

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

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

APONTE-RIVERA, Jose  
2369 330th St.  
Slater, IA 50244  
United States  
Citizenship: United States  
Country of Residence: United States

XU, Zhanyou  
2369 330th St.  
Slater, IA 50244  
United States  
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 80954

including those described in **SOYBEAN CULTIVAR CC1313393**, and including, but not limited to, the following filings:

Country / Application Number / Filing Date  
US Application No. 15/050775 / 23February 2016

(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

Witness' name and signature /  
Witnesses' names and signatures  
& Date of signing

  
Clay Brady COLE

2-19-16  
Date

  
Witness signature

Rachel J. Knight  
Witness printed name

2/19/16  
Date

\_\_\_\_\_  
Jose APONTE-RIVERA

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness signature

\_\_\_\_\_  
Witness printed name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Zhanyou XU

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness signature

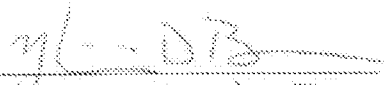
\_\_\_\_\_  
Witness printed name

\_\_\_\_\_  
Date

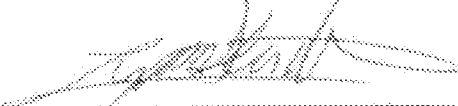


Applicant's signature / Applicants' signatures

SYNGENTA PARTICIPATIONS AG

Signature:   
Printed Name: Yashini D. Barran  
Title: Patent Agent  
Date: February 22, 2016

SYNGENTA PARTICIPATIONS AG

Signature:   
Printed Name: Lynn Skender  
Title: Paralegal  
Date: Feb. 23, 2016

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

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

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

APONTE-RIVERA, Jose  
2369 330th St.  
Slater, IA 50244  
United States  
Citizenship: United States  
Country of Residence: United States

XU, Zhanyou  
2369 330th St.  
Slater, IA 50244  
United States  
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 80954

including those described in **SOYBEAN CULTIVAR CC1313393**, and including, but not limited to, the following filings:

Country / Application Number / Filing Date  
US Application No. 15/050775 / 23February 2016

(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

Witness' name and signature /  
Witnesses' names and signatures  
& Date of signing

\_\_\_\_\_  
Clay Brady COLE

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness signature

\_\_\_\_\_  
Witness printed name

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Jose APONTE-RIVERA

2/22/16  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness signature

Nancy L. Benson  
\_\_\_\_\_  
Witness printed name

2-22-16  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Zhanyou XU

\_\_\_\_\_  
Date

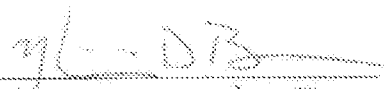
\_\_\_\_\_  
Witness signature

\_\_\_\_\_  
Witness printed name

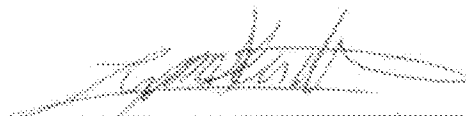
\_\_\_\_\_  
Date

Applicant's signature / Applicants' signatures

SYNGENTA PARTICIPATIONS AG

Signature:   
Printed Name: Yoshimi D. Barron  
Title: Patent Agent  
Date: February 22, 2016

SYNGENTA PARTICIPATIONS AG

Signature:   
Printed Name: Lynn Stendler  
Title: Paralegal  
Date: Feb. 23, 2016



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

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

**COLE, Clay Brady**  
778 CR 880  
Bay, AR 72411  
United States  
Citizenship: United States  
Country of Residence: United States

**APONTE-RIVERA, Jose**  
2369 330th St.  
Slater, IA 50244  
United States  
Citizenship: United States  
Country of Residence: United States

**XU, Zhanyou**  
2369 330th St.  
Slater, IA 50244  
United States  
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 **80954**

including those described in **SOYBEAN CULTIVAR CC1313393**, and including, but not limited to, the following filings:

Country / Application Number / Filing Date  
US Application No. 15/050775 / 23February 2016

(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

Witness' name and signature /  
Witnesses' names and signatures  
& Date of signing

\_\_\_\_\_  
Clay Brady COLE

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness signature

\_\_\_\_\_  
Witness printed name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jose APONTE-RIVERA

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness signature

\_\_\_\_\_  
Witness printed name

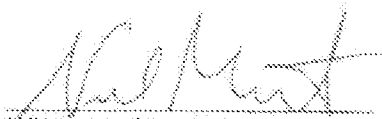
\_\_\_\_\_  
Date



Zhanyou XU

02-12-2016

Date



Witness signature

NICOLAS MARTIN

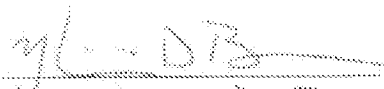
Witness printed name

02/12/2016

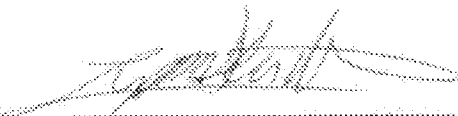
Date

Applicant's signature / Applicants' signatures

SYNGENTA PARTICIPATIONS AG

Signature:   
Printed Name: Yashini D. Barron  
Title: Patent Agent  
Date: February 22, 2016

SYNGENTA PARTICIPATIONS AG

Signature:   
Printed Name: Lynn Stendler  
Title: Paralegal  
Date: Feb. 22, 2016

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

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

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

**APONTE-RIVERA, Jose**  
2369 330th St.  
Slater, IA 50244  
United States  
Citizenship: United States  
Country of Residence: United States

**XU, Zhanyou**  
2369 330th St.  
Slater, IA 50244  
United States  
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 **80954**

including those described in **SOYBEAN CULTIVAR CC1313393**, and including, but not limited to, the following filings:



Country / Application Number / Filing Date  
US Application No. 15/050775 / 23February 2016

(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

Witness' name and signature /  
Witnesses' names and signatures  
& Date of signing

  
Clay Brady COLE

2-14-16  
Date

  
Witness signature

Rachel J. Knight  
Witness printed name

2/19/16  
Date

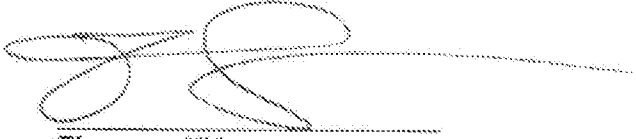
*Jose A. Rivera*  
Jose APONTE-RIVERA

2/22/16  
Date

*Nancy L. Benson*  
Witness signature

Nancy L. Benson  
Witness printed name

2-22-16  
Date



Zhanyou XU

02-12-2016

Date



Witness signature

NICOLAS MARTIN

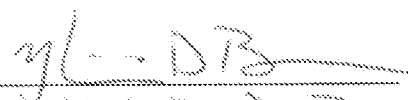
Witness printed name

02/12/2016

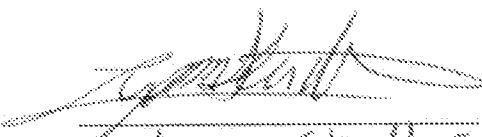
Date

Applicant's signature / Applicants' signatures

**SYNGENTA PARTICIPATIONS AG**

Signature:   
Printed Name: Yashimi D. Barron  
Title: Patent Agent  
Date: February 23, 2016

**SYNGENTA PARTICIPATIONS AG**

Signature:   
Printed Name: Lynn Stender  
Title: Paralegal  
Date: Feb. 23, 2016