

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY STEVEN WAILES	07/24/2018
NEIL BRIAN CARTER	07/24/2018
JOHN MARTIN CLOUGH	08/07/2018
JOHN WILLIAMS	07/24/2018
RECEIVING PARTY DATA	
Name:	SYNGENTA PARTICIPATIONS AG
Street Address:	ROSENALSTRASSE 67
City:	BASEL
State/Country:	SWITZERLAND
Postal Code:	4058
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16649615
CORRESPONDENCE DATA	
Fax Number:	(202)861-1783
<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>	
Phone:	2028611500
Email:	vluckett@bakerlaw.com
Correspondent Name:	BAKER & HOSTETLER
Address Line 1:	1050 CONNECTICUT AVENUE NW
Address Line 2:	SUITE 1100
Address Line 4:	WASHINGTON, D.C. 20036
ATTORNEY DOCKET NUMBER:	SYG-0385PA(115479.000318)
NAME OF SUBMITTER:	TONI-JUNELL HERBERT
SIGNATURE:	/Toni-Junell Herbert/
DATE SIGNED:	06/17/2020
Total Attachments: 7	
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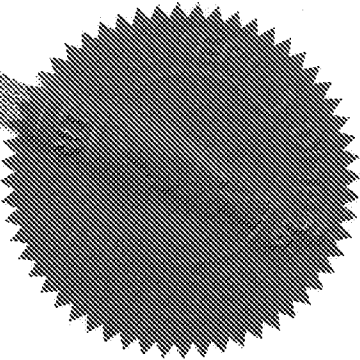
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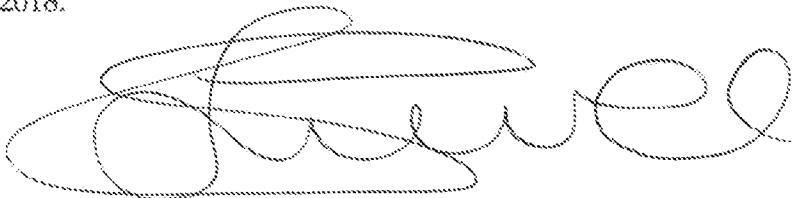
REEL: 052965 FRAME: 0050



BE IT KNOWN that I, SUNITA KUMERI, of 18-24 Stoke Road, Slough, Berkshire, SL2 5AG, England, **NOTARY PUBLIC**, duly admitted and sworn, authorised to practise throughout England and Wales, **CERTIFY ONLY** that:

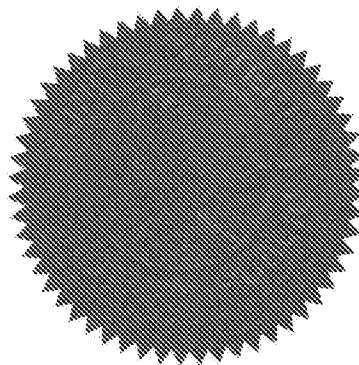
The annexed Assignment - Priority / Worldwide / Patent Cooperation Treaty (PCT) Countries is an original document signed by Jeffrey Steven WAILES, Neil Brian CARTER, John Martin CLOUGH and John WILLIAMS whose identities I the Notary attest and who are authorised signatories of Syngenta Limited, a Private Company Limited. Furthermore, Tina HOLLOWAY and Clare DOWLING whose identities I the Notary attest and are authorised signatories of Syngenta Participations AG.

SIGNED and sealed at 18-24 Stoke Road, Slough, Berkshire aforesaid on 13th August 2018.



Sunita Kumeri
Notary Public
England and Wales

Protocol No. 9/18



ASSIGNMENT – PRIORITY / WORLDWIDE / PATENT COOPERATION TREATY (PCT) COUNTRIES	CESIÓN – PRIORIDAD / EN TODO EL MUNDO / PAÍSES DEL TRATADO DE COOPERACIÓN EN MATERIA DE PATENTES (PCT)
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,	Por una buena y valiosa contraprestación, cuyo recibo y cantidad suficiente se confirma por la presente,
WAILES, Jeffrey Steven Syngenta Limited Syngenta, Jealott's Hill Int. Research Centre Bracknell, Berkshire RG42 6EY Great Britain Citizenship: Great Britain Country of Residence: Great Britain	WAILES, Jeffrey Steven Syngenta Limited Syngenta, Jealott's Hill Int. Research Centre Bracknell, Berkshire RG42 6EY Great Britain Citizenship: Great Britain Country of Residence: Great Britain
CARTER, Neil Brian Syngenta Limited Syngenta, Jealott's Hill Int. Research Centre Bracknell, Berkshire RG42 6EY Great Britain Citizenship: Great Britain Country of Residence: Great Britain	CARTER, Neil Brian Syngenta Limited Syngenta, Jealott's Hill Int. Research Centre Bracknell, Berkshire RG42 6EY Great Britain Citizenship: Great Britain Country of Residence: Great Britain
CLOUGH, John Martin Syngenta Limited Syngenta, Jealott's Hill Int. Research Centre Bracknell, Berkshire RG42 6EY Great Britain Citizenship: Great Britain Country of Residence: Great Britain	CLOUGH, John Martin Syngenta Limited Syngenta, Jealott's Hill Int. Research Centre Bracknell, Berkshire RG42 6EY Great Britain Citizenship: Great Britain Country of Residence: Great Britain
WILLIAMS, John Syngenta Limited Syngenta, Jealott's Hill Int. Research Centre Bracknell, Berkshire RG42 6EY Great Britain Citizenship: Great Britain Country of Residence: Great Britain	WILLIAMS, John Syngenta Limited Syngenta, Jealott's Hill Int. Research Centre Bracknell, Berkshire RG42 6EY Great Britain Citizenship: Great Britain Country of Residence: Great Britain
has sold and assigned, and by this document hereby sells and assigns, unto	ha(n) vendido y cedido, y por medio de lo presente, vende(n) y cede(n) por la presente a
SYNGENTA PARTICIPATIONS AG, Schwarzwaldallee 215, 4058, Basel, Switzerland	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	sus sucesoras y cesionarias, el derecho, título e interés completos, por lo que respecta a los Estados Unidos y sus territorios y posesiones y a todos los países extranjeros e incluso los miembros del Tratado de Cooperación en Materia de Patentes (PCT) en y sobre

(1) all inventions and discoveries described in Syngenta Patent Family 81279 including those described in IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS, and including, but not limited to, the following filings: Country / Application Number / Filing Date GB / 1715414.7 / 22 Sep 2017 (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	(1) todas las invenciones y descubrimientos descritos en la familia de patentes de Syngenta 81279 incluso aquellos descritos en IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS e incluidas, pero no limitadas, las siguientes solicitudes: País / Número de Solicitud / Fecha de Presentación GB / 1715414.7 / 22 Sep 2017 (2) dicha invención y solicitud provisional y/o de prioridad en y sobre todas y cada una de las solicitudes de patente posteriores que reivindiquen el beneficio de prioridad de dicha solicitud provisional y/o de prioridad, incluso la utilidad regular, continuaciones y continuaciones en parte, o divisiones de estas; (3) dicha invención en y sobre cualquier solicitud de patente mencionada para la(s) patente(s) de los Estados Unidos y países extranjeros relacionadas con todas las solicitudes de patente presentadas respecto a la invención, incluso todas las solicitudes de patente internacional, no provisionales, continuaciones, nuevas emisiones, sustituciones, renovaciones y divisiones; (4) todas las solicitudes de fase nacional de dicha(s) solicitud(es) de patente internacional; (5) todas las continuaciones (incluso continuación en partes), solicitudes de convención y divisiones de todas las solicitudes de patente mencionadas (incluso demás continuaciones y divisiones, tales como, pero no limitadas a, continuaciones de continuaciones y continuaciones de divisiones), ((2)-(5) más adelante llamadas colectivamente "solicitudes de patente"); (6) todas las patentes que se conceden sobre cualquiera de dichas solicitudes de patente; (7) todos los registros y confirmaciones de, o certificados de importación en base de una o más de dichas patentes; (8) todas las sustituciones, nuevas emisiones, renovaciones y extensiones de dichas patentes, certificados de re-examinación emitidos para dichas patentes y certificados de protección complementaria basándose por completo o en parte en dichas invenciones o en dichas solicitudes, y todas y cada una de las patentes y nuevas emisiones, re-examinaciones y
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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.

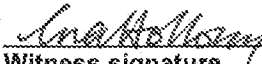
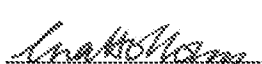
extensiones de la patente concedidas a dichos inventores o en dichas solicitudes y en dichas patentes;

(9) cada derecho prioritario basado o que se pueda basar en o que surge de dichas invenciones, dichas solicitudes de patentes y dichas patentes;

autorizando a dicha Cesionaria para que presente solicitudes de patente en cualquier o todos los países o cualquier o todas dichas invenciones en nombre del abajo firmante o en nombre de dicha Cesionaria o de otra forma según pueda considerar aconsejable dicha Cesionaria, bajo cualquier tratado de patente internacional (p. ej., el Tratado de Cooperación en Materia de Patentes, la Convención de París, etc.) o de otra forma; autorizando por la presente a todas las Oficinas de Patentes (de los Estados Unidos y extranjeras) para que emitan o transfieran todas dichas patentes a dicha Cesionaria de acuerdo con la presente;

estando esta cesión bajo el acuerdo, no solo de que el abajo firmante posea el poder completo para ejecutarla, sino que también dicho derecho cedido no se vea afectado por ninguna concesión, licencia ni otro derecho concedido hasta entonces, y que el abajo firmante actuará razonablemente, a todos los efectos, para garantizar que dichas invenciones, solicitudes de patente y patentes sean conservadas y disfrutadas por dicha Cesionaria tan completa y enteramente como si estas hubieran sido conservadas y disfrutadas por el abajo firmante si esta cesión no se hubiera llevado a cabo, y particularmente para ejecutar y proporcionar a dicha Cesionaria todos los documentos legales, incluso peticiones, especificaciones, juramentos, cesiones, renunciaciones de invención, declaraciones y actas notariales legales en forma y sustancia que puedan ser requeridas por dicha Cesionaria, para proporcionar a dicha Cesionaria todos los hechos relacionados con dichas invenciones o su historial y todos y cada uno de los documentos, fotografías, modelos, muestras u otras exhibiciones físicas que puedan representar dichas invenciones, y para testificar en cualesquiera procedimientos relacionados con dichas invenciones, solicitudes de patente y/o patentes.

Por la presente, el (los) abajo firmante(s) concede(n) a un representante autorizado de la Cesionaria la facultad para que inserte en la presente Cesión cualquier identificación adicional que sea necesaria o deseable para cumplir las normas de cualquier Oficina de Patentes para la inscripción de la presente Cesión.

Inventor's name and signature / Inventors' names and signatures & Date of signing Witness' name and signature / Witnesses' names and signatures & Date of signing  WAILES, Jeffrey Steven <u>24th July 2018</u> Date  Witness signature <u>TINA HOLLOWAY</u> Witness printed name <u>24 JULY 2018</u> Date  CARTER, Neil Brian <u>24th July 2018</u> Date  Witness signature <u>TINA HOLLOWAY</u> Witness printed name <u>24 JULY 2018</u> Date	Nombre y firma del inventor / Nombres y firmas de los Inventores y Fecha Nombre y firma del Testigo / Nombres y firmas de los Testigos y Fecha
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<u>John Martin Clough</u> CLOUGH, John Martin <u>7 August 2018</u> Date <u>Tina Holloway</u> Witness signature <u>TINA HOLLOWAY</u> Witness printed name <u>7 August 2018</u> Date <u>John Williams</u> WILLIAMS, John <u>24th July 2018</u> Date <u>Tina Holloway</u> Witness signature <u>TINA HOLLOWAY</u> Witness printed name <u>24 JULY 2018</u> Date	
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Applicant(s) / Signature	Solicitante(s) / Firma
SYNGENTA PARTICIPATIONS AG Signature: <u><i>Tina Holloway</i></u> Printed Name: HOLLOWAY, Tina Title: Authorised Signatory Date: <i>24 JULY 2018</i>	SYNGENTA PARTICIPATIONS AG Por: Nombre: Cargo: Fecha:
SYNGENTA PARTICIPATIONS AG Signature: <u><i>C. Dowling</i></u> Printed Name: DOWLING, Clare Title: Authorised Signatory Date: <i>24 July 2018</i>	SYNGENTA PARTICIPATIONS AG Por: Nombre: Cargo: Fecha: