504835178 03/23/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4881915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAKESH B	09/16/2017
SUNIL K. BIRADAR	02/27/2018
FRANCK JEAN CHOPIN	12/05/2017
ROMAIN FOUQUET	08/25/2017
SONALI DILIP GANDHI	12/05/2017
ERAPPA GANGAPPA	09/16/2017
VEERESH RP GOWDA	03/01/2018
YULE PAN	08/24/2017
JEAN-LUC PELLET	10/10/2007
DHARANENDRA SWAMY	12/04/2017
GONZALO TORRES	10/10/2017
CHONGQING XIE	08/25/2017

RECEIVING PARTY DATA

Name:	MONSANTO TECHNOLOGY LLC
Street Address:	800 NORTH LINDBERGH BOULEVARD
Internal Address:	MAIL ZONE E1NA
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63167

PROPERTY NUMBERS Total: 2

Property Type	Number
PCT Number:	US2017046782
Application Number:	15647917

CORRESPONDENCE DATA

Fax Number: (202)942-5999

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.

Phone: 202-942-5000

IPDocketing@arnoldporter.com Email:

> **PATENT** REEL: 045332 FRAME: 0891

504835178

Correspondent Name: ARNOLD & PORTER KAYE SCHOLER LLP

Address Line 1: 601 MASSACHUSETTS AVE, NW

Address Line 2: ATTN: IP DOCKETING
Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	P34458US01 & P34458WO00
NAME OF SUBMITTER:	CURTIS R. ALTMANN
SIGNATURE:	/Curtis R. Altmann/
DATE SIGNED:	03/23/2018

Total Attachments: 13

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PATENT REEL: 045332 FRAME: 0892

ASSIGNMENT

WHEREAS, I/we, the undersigned, have made certain invention or inventions which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

Methods and Compositions for Producing Corn Plants with Resistance to Late Wilt filed under the Patent Cooperation Treaty as International Application No. PCT/US2017/046482. identified as U.S. Application No. 15/674,917, filed August 11, 2017, claiming priority to U.S. Provisional Application No. 62/373,777, filed August 11, 2016:

WHEREAS, Monsanto Technology LLC, of 800 North Lindbergh Boulevard, Mailzone E1NA, St. Louis, Missouri 63167, a Limited Liability Company of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/we do hereby sell, assign and transfer to said Monsanto Technology LLC, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of said Monsanto Technology LLC; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention, inventions or improvements; and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/We hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said **Monsanto Technology LLC**, as assignee of the entire interest.

I/We further agree, without any payment by Monsanto Technology LLC other than in reimbursement of reasonable expenses I/we may incur, to communicate to said Monsanto Technology LLC, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

PATENT REEL: 045332 FRAME: 0893

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature:		Date: 16/09/2017
Name: Rakes	h B	in the second se
City and state or cou	ntry of residence:	Karnataka, India

On this 16^{th} day of 5EPTETBER, 2011, before me personally appeared Rakesh B, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand on the day last above written.

- ASminar

Witness

S. Ramen

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature:	Cerul_	Date: 27/2/2018	······································
Name:_	Sunil Kumar BIRADAR	AND STATE OF THE S	
City and	I state or country of residence:	Bangalore, India	

On this Tuesday day of February 27, 20 19, before me personally appeared Sunil Kumar BIRADAR, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand on the day last above written.

Witness

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature:	Date: 12 / 05 / 201
Name: Franck Jean CHOPIN	in the Colombian and the Colom
City and state or country of residence:	Boucau, France

On this Filth day of describer, 2017, before me personally appeared Franck Jean CHOPIN, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand on the day last above written.

ROGER BAPTISTE

Witness

DELAS SERGE

Signature:

Date:	Agus	25	20	7
Name:	Romain FOUQUET			
City and state or country of residence:	Amendeuix-Oneix, France			

On this | 5 | day of | Nowst | , 20 | 1 | before me personally appeared Romain FOUQUET, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand on the day last above written.

Witness | Walker | Leconte

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature:	Date: 1005,2017
Name: Sonali Dilip GANDHI	
City and state or country of residence:	Rotterdam, Netherlands

On this 5 day of Ocember, 2017, before me personally appeared Sonali Dilip GANDHI, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand on the day last above written.

Nelissa Contet

Witness /

-Witness-

Witness 2

David Engelmon

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IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature: Franks	Date: 16-09-2017
Name: <u>Erappa GANGAPPA</u>	Kamataka, India
City and state or country of residence:	

On this 16th day of SEPTEMBER, 2017, before me personally appeared Erappa GANGAPPA, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand on the day last above written.

- Afrikmar

Witness

S. Lamon

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our

signatures. Aug-24, 20/7 Signature: Yule PAN Name:_ City and state or country of residence: Chesterfield, Missouri State of Missouri
County of St. Cars On this 24 day of _, 20__, before me personally appeared Yule PAN, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written. (seal) My Commission expires $\frac{(6/36/302)}{}$

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our



IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our
signatures.
Signature: De den Pele Date: October 10, 2017
Signature: Por Ven Per Date: October 10, 101
Name: Jean-Luc PELLET
City and state or country of residence: Cremona, Italy
On this of day of October, 20 // before me personally appeared Jean-Luc PELLET, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand on the day last above written.
Alla Lag C.
Witness
Espan Lidorpe La
Witness

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Name: Dha	ranendra SWAMY	
City and state or co	ountry of residence:	Karnataka, India
	•	

On this 4th day of <u>secended</u>, 2017, before me personally appeared Dharanendra SWAMY, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand on the day last above written.

Witness Pkashant G. Golegaonkas

Witness

BARAD N RECLUR

	reto set our hands on the dates set after our
Signature:	Date: 10 [10] 2017
Name: Gonzalo TORRES	
City and state or country of residence:	Madrid, Spain
On this 10th day of 0(TOBER) TORRES, known to me to be the person acknowledged that he/she executed the same as have hereto set my hand on the day last above w	2017, before me personally appeared Gonzalo who executed the foregoing instrument and his/her free act and deed; in testimony whereof I written.
4.	DW1: 503070199
Wi	tness JUAN ANTONIO LUGUE SACEDA
	DNI: 70346820
Wi	ITHÉSS CONCEPCION NOVILLO ALMENDROS

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature:	hongaing	Xus	Date:	08/25/2017
Name:	Chongqing X	IE		
City and	state or country of	residence:	Johnston	, Iowa
State of TO	wa)		
County of	OK.) ss.		
XIE, known to r that he/she execu	ne to be the persor	n who executed s/her free act an	d the foreg d deed; in	me personally appeared Chongqing oing instrument and acknowledged testimony whereof I have hereto set
J. A. F. ∞	VALERIE ADAMS mmission Number 79747 My Commission Expires July 29, 20_164	74	W/Z	1/A

Notary Public or Consular Officer

My Commission expires July 29, 20/9

(seal)

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RECORDED: 03/23/2018