506875547 09/17/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDWARD JAMES CARGILL	08/06/2015
DENNIS HUNG YANG	06/30/2015
TY JASON BARTEN	06/18/2015
MATTHEW SEAN MARENGO	06/18/2015
ROMAIN FOUQUET	06/22/2015
MANUEL OYERVIDES GARCIA	10/19/2015
JOSE RAFAEL GOMEZ	10/19/2015
JEANETTE M. PEEVERS	05/03/2016
ALANA N. BROWN	05/03/2016

RECEIVING PARTY DATA

Name:	MONSANTO TECHNOLOGY LLC
Street Address:	800 N. LINDBERGH BOULEVARD
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63167

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16589702

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.

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Email: sandra.tartisel@arnoldporter.com, IPDocketing@arnoldporter.com

Correspondent Name: ARNOLD & PORTER KAYE SCHOLER Address Line 1: 601 MASSACHUSETTS AVENUE, NW

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ATTORNEY DOCKET NUMBER:	P34302US03/0016517.00605
NAME OF SUBMITTER:	MICHAEL W. LEWIS

PAIENI

506875547 REEL: 057515 FRAME: 0418

SIGNATURE:	/michael w. lewis/					
DATE SIGNED:	09/17/2021					
Total Attachments: 11						
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PATENT REEL: 057515 FRAME: 0419

ASSIGNMENT

WHEREAS, I/we (Edward James Cargill, Dennis Hung Yang, Ty Jason Barten, Matthew Sean Marengo, Romain Fouquet, Manuel Oyervides Garcia, Jose Rafael Gomez), 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 BRACHYTIC CORN PLANTS

identified as U.S. Application No. 62/153,831, filed April 28, 2015; identified as U.S. Application No. 62/180,430, filed June 16, 2015.

WHEREAS, **Monsanto Technology LLC**, of 800 N. Lindbergh Boulevard, St. Louis, Missouri, 63167, a Corporation of the State of Delaware, (hereinafter "ASSIGNEE") 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 ASSIGNEE, 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 ASSIGNEE; 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 ASSIGNEE, as assignee of the entire interest.

I/We further agree, without any payment by ASSIGNEE other than in reimbursement of reasonable expenses I/we may incur, to communicate to said ASSIGNEE, 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.

- Page 1 of 8 -

I fame Come Date: Ang 6, 2015 Edward James Cargill City and state or country of residence: Chesterfield, MO State of Missouri County of St. Lovis day of //4/51 , 2015 before me personally appeared Edward James Cargill, 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) Notary Public or Consular Officer My Commission expires 10000 32, 2017 CORAZON A. WOODSON My Commission Expires October 22, 2017 St. Charles County Commission #19773297

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

signatures.

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

Signat	ture:)	Date:	6-	30-15
	Name:	Dennis Hung Yan	<u>e</u>			
	Cîty and sta	te or country of resid	ence:	Ballwin,	MO	
State o	of <u>M\SS¢</u> y of <u>S∱\</u> L¢	201.)) 2018)	SS.	NOTARI SEAU OF W		TINA M. LAFSER My Commission Expires June 26, 2017 St. Louis County Commission #13828387
Denni ackno	s Hung Yang, wledged that	known to me to be	the person ame as his	n who exec her free a	cuted ct and	e me personally appeared the foregoing instrument and l deed; in testimony whereof I ten.
(seal)	OF ME	TINA M. LAFSER My Commission Expires June 26, 2017 St. Louis County Commission #13929387	Notary	Public or	Cons	ular Officer

My Commission expires 4/24/007

signatures. Date: Q / / 8 / 2015 Ty Jason Barten City and state or country of residence: Ankeny, IA State of <u>Jacob</u>

County of <u>State</u> day of <u>UNK</u>, 2015, before me personally appeared Ty Jason Barten, 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) Notary Public or Consular Officer My Commission expires 3/3//2018

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

U.S. Application No. 62/153,831 U.S. Application No. 62/180,430

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

Signati	re: <u> </u>	the Jean	2 ayo	Date:	3JUN 2	2015	
	Name:	Matthew Se	an Marengo				
	City and state	e or country o	f residence:	Cary, NC			
State o	f North Co of DULL	icolina ram)) ss.)			×.	
Matthe and ac	w Sean Mare knowledged	ngo, known to that he/she ex	o me to be the procedure of the sand and official sea	person who ne as his/he	executed the r free act ar	foregoing indicated from the foregoing in the foregoing in the foregoing from the foregoing foregoing from the foregoing in t	istrumeni
(seal)	NOT Dur No	TA AUSTIN ARY PUBLIC ham County rth Carolina on Expires July :	2. 2018 Nota	////// ry Public or	Consular Off	oder School	

My Commission expires <u>JULY 3, 2019</u>

- Page 5 of 8 -

U.S. Application No. 62/153,831 U.S. Application No. 62/180,430

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

Name: Romain Fouquet

City and state or country of residence: Saint-Palais, FR

Witness

SEMBIAGUE Pierre

Witness

- Page 6 of 8 -

IN TESTIM signatures.	ONY WHEREOF, I/we have here	to set our hands on the dates set after our
Signature:		Date: CATABLETT 19 de 1915
Namo	: Manuel Overvides Garcia	
City a	and state or country of residence:	El Palomar, MX
		Sale Dhoul Homander.
	Witns	Esperance du R. Jiramonia 1
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Witness

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	City and st	ate or country	of residence:_	Zapop	an, MX			
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			W	itness				

Attorney Docket No.: P34302US02/0016517.00552 & P34302WO00/0016517.00553

ASSIGNMENT

WHEREAS, I/we (**Jeanette M. Peevers and Alana N. Brown**), 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 BRACHYTIC CORN PLANTS

identified as U.S. Application No. 15/139,733, filed April 27, 2016; and

International Application No. PCT/US2016/029492, filed April 27, 2016.

WHEREAS, Monsanto Technology LLC, a Delaware limited liability company having an address at 800 N. Lindbergh Boulevard, St. Louis, Missouri, 63167 (hereinafter "ASSIGNEE"), 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 ASSIGNEE, 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 ASSIGNEE; 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 ASSIGNEE, as assignee of the entire interest.

I/We further agree, without any payment by ASSIGNEE other than in reimbursement of reasonable expenses I/we may incur, to communicate to said ASSIGNEE, 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.

Attorney Docket No.: P34302US02/0016517.00552 & P34302WO00/0016517.00553

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

signatures. City and state or country of residence: Chesterfield, MO TINA M. LAFSER My Commission Expires Commission #13828387 June 26, 2017 Aumon spon 13 St. Louis County \$105,85 enux. Commission #13828387 My Commission Expires State of Missoni \$8. County of St. Laurs On this _______, day of ________, 20116 before me personally appeared Jeanette M. Peevers, 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) Notary Public or Consular Officer My Commission expires <u>U/Q(t/Qo17</u>

Attorney Docket No.: P34302US02/0016517.00552 & P34302WO00/0016517.00553

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

Signature: <u>Wang V B10VM</u> Date: 5/3/2016 Name: Alana N. Brown City and state or country of residence: St. Louis, MO My Commission Expires State of <u>Missold</u>) ss.

County of <u>Structs</u>) June 26, 2017 St. Louis County Commission #13828397 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 U 2017

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signatures.