505458985 05/03/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAWN E FRASER	04/10/2019
DARREN G JONES	04/11/2019
ROBERT E MCGOWEN	04/12/2019
VIVEK SHARMA	04/15/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16210617

CORRESPONDENCE DATA

Fax Number: (214)259-0910

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.

Email: chris.mccoy@dentons.com
Correspondent Name: ROBERT E. HANSON

Address Line 1: 233 SOUTH WACKER DRIVE

Address Line 2: SUITE 5900

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	DPLN:185US
NAME OF SUBMITTER:	ROBERT E. HANSON
SIGNATURE:	/Robert E. Hanson/
DATE SIGNED:	05/03/2019

Total Attachments: 5

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PATENT 505458985 REEL: 049070 FRAME: 0041

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to MONSANTO TECHNOLOGY LLC. (the "Assignee"), having a place of business at 800 North Lindbergh Boulevard, St. Louis, MO 63167, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 16/210,617 which has been filed on December 5, 2018 and is entitled "COTTON VARIETY 16R341B3XF", which claims the benefit of Provisional Application No. 62/611,410 filed December 28, 2017, to such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, a and extend to the successors, assigns and	ssigns, representatives and successors of the undersigned d nominees of the Assignee.
Signature: Auch Car Name: Dawn E. Fraser	Date: 4/10/19
STATE OF NC	
personally appeared from E. Fraser, kn the foregoing in things and acknowled free will for the primposes only considerate	d witness, on this 10 day of 10, 2019 sown to me to be the person whose name is subscribed to dged to me that he/she executed the same of his/her own ion therein expressed. Notary or Consular Officer
Signature:	Date:
Name: Darren G. Jones	
STATE OF	
personally appeared Darren G. Jones, ki	d witness, on this day of, 2019 nown to me to be the person whose name is subscribed to dged to me that he/she executed the same of his/her own tion therein expressed.
	Notary or Consular Officer
[SEAL]	•

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and extend to the successors, assigns and nominees of the Assignee. Signature: Date: Name: Dawn E. Fraser STATE OF _____ COUNTY OF _____ BEFORE ME, the undersigned witness, on this _____ day of ______, 2019 personally appeared Dawn E. Fraser, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed. Notary or Consular Officer [SEAL] Signature: Name: Darren G. Jones STATE OF 1 X COUNTY OF _ Lubbook BEFORE ME, the undersigned witness, on this I day of April personally appeared Darren G. Jones, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed. Notary or Consular Officer [SEAL]

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned

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AMANDA SLAYTON

Notary Public, State of Texas

Notary ID# 13121526-4

My Commission Expires 07-20-2021

Signature: Lotate My Name: Robert E. McGowen	Jowen Date: april 12, 2019
STATE OF 115 COUNTY OF DOSMAN	1
Land and Miller Land and Land Land	ed witness, on this // day of // 2019 owen, known to me to be the person whose name is and acknowledged to me that he/she executed the same of a consideration therein expressed. Notary or Consular Officer
Signature:Name: Vivek Sharma	Date:
STATE OF	
personally appeared Vivek Sharma, kn	od witness, on this day of, 2019 sown to me to be the person whose name is subscribed to edged to me that he/she executed the same of his/her own tion therein expressed.
[SEAL]	Notary or Consular Officer

Dentons US LLP 2000 McKinney Avenue, Suite 1900 Dallas, Texas 75201

Signature:	Date:
Name: Robert E. McGo	wen
STATE OF	
COUNTY OF	
personally appeared Robert E subscribed to the foregoing inst	lersigned witness, on this day of, 2019 . McGowen, known to me to be the person whose name is rument and acknowledged to me that he/she executed the same of poses and consideration therein expressed.
romana	Notary or Consular Officer
[SEAL]	
Signature:Name: Vivek Sharma	
STATE OF MISSOUR COUNTY OF 5t. LOV	<u></u>
personally appeared Vivek Sha	wanoud. Woodsur
[SEAL] STATE OF A WOOD STATE OF A WOOD STATE OF A WOOD STATE OF A	Notary or Consular Officer

Dentons US LLP 2000 McKinney Avenue, Suite 1900 Dallas, Texas 75201

> PATENT REEL: 049070 FRAME: 0047

RECORDED: 05/03/2019