PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3008998

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JENNIFER L YATES	12/16/2013
ROGER L LUSSENDEN	12/17/2013
HONGWU JIA	12/10/2013
BRAD LA VALLEE	12/06/2013
XIANGHAI YE	12/09/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14300384

CORRESPONDENCE DATA

Fax Number: (636)737-1021

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: chona.woodson@monsanto.com

Correspondent Name: MONSANTO COMPANY

Address Line 1: 800 NORTH LINDBERGH BLVD

Address Line 2: ATTN: GAIL P. WUELLNER, IP PARALEGAL

Address Line 4: ST. LOUIS, MISSOURI 63167

ATTORNEY DOCKET NUMBER:	46-21(59627)US 0001
NAME OF SUBMITTER:	LAWRENCE M. LAVIN, JR.
SIGNATURE:	/ LAWRENCE M. LAVIN, JR. /
DATE SIGNED:	09/04/2014

Total Attachments: 6

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Attorney Docket No. 46-21(59627)

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

Molecular Markers Associated with Soybean Tolerance to Low Iron Growth Conditions

which is the subject of a United States or International application for patent			
(a)		executed on even date preparatory to filing;	
(b)		executed on,;	
(c)	\boxtimes	filed on6-10-2013, and assigned Serial No61/833,129	
(d)		U.S. Patent No, issued, and; or; or	
(e)		entitled above and naming the undersigned inventors in this provisional patent application; and	

WHEREAS, **Monsanto Technology LLC**, a Delaware corporation, having a place of business at 800 North Lindbergh Boulevard, St. Louis, Missouri, 63167, hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor further agrees, without any payment by Assignee other than in reimbursement of reasonable expenses Assignor may incur, to communicate to said Assignee, its representatives, agents or assignees of the entire right, title and interest hereto, 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.

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Attorney Docket No. 46-21(59627)

Anoter Litter	13/16/13
Jennifer L. Yates	Date
STATE OF MISSOULL)	
)	
COUNTY OF St. LOVIS)	
On this day of <u>December</u> appeared Jennifer L. Yates to me known to be foregoing assignment and acknowledged that sh	, 2013, before me, a Notary Public, personally the the person described in and who executed the ne executed same as her free act and deed.
IN TESTIMONY WHEREOF, I have here above written.	eunto set my hand and seal the date and year last
	<u> </u>
My Commission Expires:	
Odober 22,2017	CORAZON A. WOODSON My Commission Expires October 22, 2017 St. Charles County Commission #13773287

Attorney Docket No. <u>46-21(59627)</u>

12/17/13

country of <u>Pedwood</u>)

On this 17½ day of 2013, before me, a Notary Public, personally appeared Roger L. Lussenden to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

My Commission Expires:

JANEL R FORBROOK Notary Public-Minnesota My Comm. Expires Jan. 31, 2017

Attorney Docket No. <u>46-21(59627)</u>

12/10/2013 Hongwu Jia STATE OF Missoull) COUNTY OF St. Louis) On this day of <u>Vector</u>, 2013, before me, a Notary Public, personally appeared Hongwu Jia to me known to be the person described in and who executed the foregoing assignment and acknowledged that he/she executed same as his/her free act and deed. IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written. Coursen A. Wookser My Commission Expires: CORAZON A, WOODSON My Commission Expires October 22, 2017 St. Charles County <u> 0,4654 22,2017 - </u> Commission #13773297

Attorney Docket No. 46-21(59627) STATE OF MISSOUCH) COUNTY OF St. LOUIS) On this day of <u>locanow</u>, 2013, before me, a Notary Public, personally appeared Brad LaVallee to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed. IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written. My Commission Expires:

October 22, 2017

PATENT REEL: 033669 FRAME: 0462

CORAZON A. WOODSON My Commission Expires October 22, 2017

St. Charles County Commission #13773297

Attorney Docket No. 46-21(59627)

Xianghai Ye
Xianghai Ye <u>December 9, 2013</u> county of USA) On this \(\frac{\frac{1}{4}}{2}\) day of \(\frac{1}{2}\) con \(\frac{1}{2}\) (2013, before me, a Notary Public, personally appeared Xianghai Ye to me known to be the person described in and who executed the foregoing assignment and acknowledged that he/she executed same as his/her free act and deed. IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written. DENISE A PIERCE Commission Number 760548 My Commission Expires October 22, 2015 My Commission Expires:

RECORDED: 09/04/2014