

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7388670

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN BRADLEY	05/06/2022
XUDONG YE	05/03/2022
LARRY A. GILBERTSON	05/09/2022
PEIZHEN YANG	05/09/2022
CHRISTINE SHYU	05/05/2022
ERVIN NAGY	05/02/2022
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: 2	
Property Type	Number
PCT Number:	US2021058839
Application Number:	17523755
CORRESPONDENCE DATA	
Fax Number:	
<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:	2029425000
Email:	jasmyn.ange@arnoldporter.com, ipdocketing@arnoldporter.com
Correspondent Name:	ARNOLD & PORTER
Address Line 1:	601 MASSACHUSETTS AVE, NW
Address Line 4:	WASHINGTON, D.C. 20001
ATTORNEY DOCKET NUMBER:	P34835US01
NAME OF SUBMITTER:	RYAN DOUGLAS
SIGNATURE:	/RYAN DOUGLAS/
DATE SIGNED:	06/17/2022

Total Attachments: 7

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COMBINED ASSIGNMENT AND DECLARATION (37 CFR §1.63)

WHEREAS, we (**John BRADLEY, Larry A. GILBERTSON, Ervin NAGY, Christine SHYU, Peizhen YANG, and Xudong YE**), the undersigned, have made certain invention or inventions which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

METHODS TO IMPROVE SITE-DIRECTED INTEGRATION FREQUENCY

identified as **U.S. Patent Application No. 17/523,755**, filed **November 10, 2021** and **International Application No. PCT/US2021/058839**, filed **November 10, 2021**, both of which claim the benefit of **U.S. Provisional Application No. 63/112,438**, filed **November 11, 2020**.

The above-identified application was made or authorized to be made by us.

We believe that we are an original joint inventor of a claimed invention in the application.

WHEREAS, **MONSANTO TECHNOLOGY LLC**, of **800 North Lindbergh Boulevard, St. Louis, Missouri 63167 (US)**, a limited liability company of the State 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, 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 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

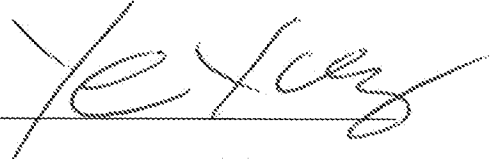
We hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said **MONSANTO TECHNOLOGY LLC**, as assignee of the entire interest.

We further agree, without any payment by **MONSANTO TECHNOLOGY LLC** other than in reimbursement of reasonable expenses 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.

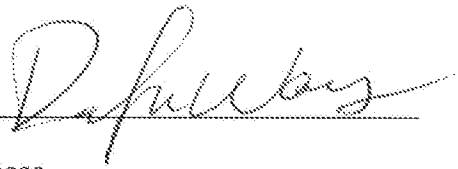
U.S. Patent Application No. 17/523,755
International Application No. PCT/US2021/058839

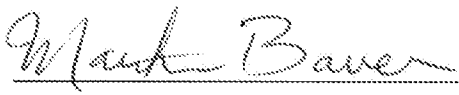
I/we hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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

Signature:  Date: May 3, 2022
Name: Xudong YE
City and state or country of residence: Chesterfield, MO (US)

On this 3 day of May, 2022, before me personally appeared Xudong YE, 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.

 Dafu Wang
Witness

 Mark Bauer
Witness

U.S. Patent Application No. 17/523,755
International Application No. PCT/US2021/058839

I/we hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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

Signature:  Date: May 9, 2022

Name: Larry A. GILBERTSON

City and state or country of residence: St. Louis, MO (US)

On this 9 day of May, 2022, before me personally appeared Larry A. GILBERTSON, 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

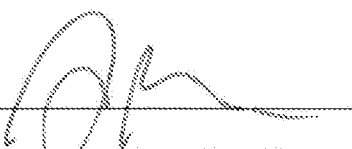


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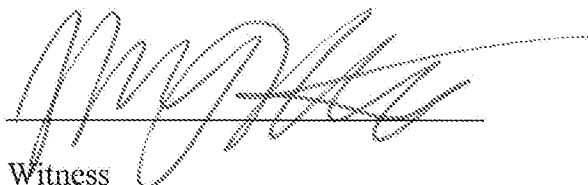
U.S. Patent Application No. 17/523,755
International Application No. PCT/US2021/058839

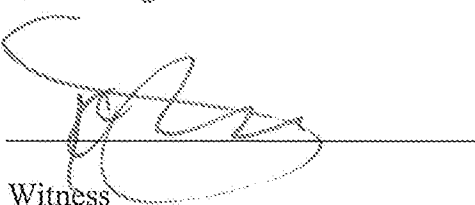
I/we hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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

Signature:  Date: MAY 6, 2022
Name: John BRADLEY
City and state or country of residence: St. Louis, MO (US)

On this 6th day of MAY, 2022, before me personally appeared John BRADLEY, 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


Witness

U.S. Patent Application No. 17/523,755
International Application No. PCT/US2021/058839

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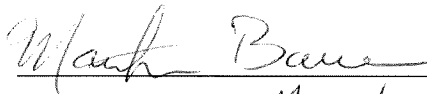
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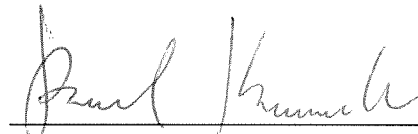
Signature:  Date: 05/09/2022

Name: Peizhen YANG

City and state or country of residence: St. Louis, MO (US)

On this 9th day of May, 2022, before me personally appeared Peizhen YANG, 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.

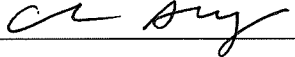

Witness Matthew Bauer


Witness Pawel Kosentka

U.S. Patent Application No. 17/523,755
International Application No. PCT/US2021/058839

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

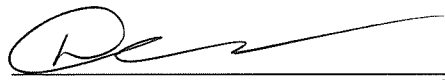
Signature: 

Date: 05/05/2022

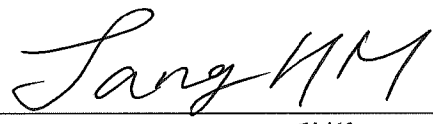
Name: Christine SHYU

City and state or country of residence: St. Louis, MO (US)

On this 5th day of May, 2022, before me personally appeared Christine SHYU, 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.


DANA E. SARGEANT

Witness

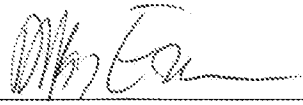

HAEMAN, JANG

Witness

U.S. Patent Application No. 17/523,755
International Application No. PCT/US2021/058839

I/we hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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

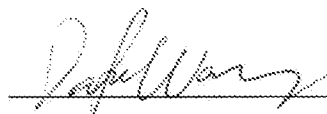
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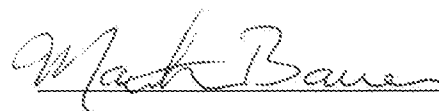
Date: 05/02/2022

Name: Ervin NAGY

City and state or country of residence: Lake Saint Louis, MO (US)

On this 2nd day of May, 2022, before me personally appeared Ervin NAGY, 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.

 Dafu Wang
Witness

 Matthew Bauer
Witness