

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8328613

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SAMBARTA DASGUPTA	11/15/2019
ANAND PRAMOD DESHMUKH	12/27/2019
JESSE B. GROTE	11/12/2019
HONGWEI LUO	11/12/2019
AVIRAL SHUKLA	11/12/2019
ZI WANG	06/19/2020
YIDUO ZHAN	11/12/2019
HUI ZHANG	11/21/2019
XIAOBO ZHOU	11/14/2019
RECEIVING PARTY DATA	
Name:	MONSANTO TECHNOLOGY LLC
Street Address:	800 NORTH LINDBERGH BLVD
City:	SAINT LOUIS
State/Country:	MISSOURI
Postal Code:	63167
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18227811
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>	
Email:	bgpefile@harnessip.com
Correspondent Name:	BRIAN G. PANKA
Address Line 1:	7700 BONHOMME AVE
Address Line 2:	SUITE 400
Address Line 4:	SAINT LOUIS, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	5089-000147-US-COB
NAME OF SUBMITTER:	BRIAN G. PANKA

SIGNATURE:	/Brian G. Panka/
DATE SIGNED:	12/13/2023
Total Attachments: 11 source=Executed Assignments#page1.tif source=Executed Assignments#page2.tif source=Executed Assignments#page3.tif source=Executed Assignments#page4.tif source=Executed Assignments#page5.tif source=Executed Assignments#page6.tif source=Executed Assignments#page7.tif source=Executed Assignments#page8.tif source=Executed Assignments#page9.tif source=Executed Assignments#page10.tif source=Executed Assignments#page11.tif	

ASSIGNMENT

WHEREAS, We, Sambarta Dasgupta of Sunnyvale, California, Anand Pramod Deshmukh of Albany, California, Jesse B. Grote of Boone, Iowa, Hongwei Luo of St. Louis, Missouri, Aviral Shukla of Defiance, Missouri, Zi Wang of Chesterfield, Missouri, Yiduo Zhan of Chesterfield, Missouri, Hui Zhang of Ballwin, Missouri, and Xiaobo Zhou of Chesterfield, Missouri, have invented an improvement in SYSTEMS AND METHODS FOR COMBINE ROUTING (42-61(63355)0000.US; MTC 63355.PRO) described in a U.S. provisional patent application assigned Serial No. 62/864,107, filed June 20, 2019;

AND, WHEREAS, Monsanto Technology LLC of St. Louis, Missouri, a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest, including the right to claim priority, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND We hereby authorize and request the Director of the United States Patent and Trademark Office of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

AND We hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

11/15/2019
Date

Sambarta Dasgupta
Sambarta Dasgupta

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Santa Clara

On November 14th 2019, before me Dena Boyd, Notary Public
(insert date) (insert name and title of the officer)
personally appeared Sambarta Dasgupta
(insert full name)

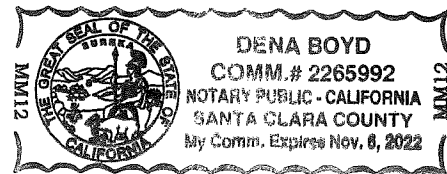
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature]

(Seal)



12/27/2019
Date


Anand Pramod Deshmukh

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

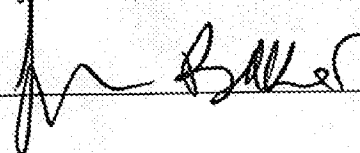
State of California
County of Contra Costa

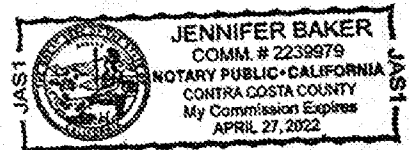
On 12-27-2019, before me Jennifer Baker Notary Public
(insert date) (insert name and title of the officer)
personally appeared Anand Pramod Deshmukh
(insert full name)

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



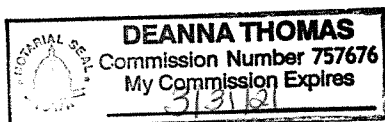
11-12-2019
Date

Jesse B. Grote
Jesse B. Grote

STATE OF Iowa)
COUNTY Story)

On this 12 day of November, 2019, before me, a Notary Public, personally appeared Jesse B. Grote 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 and the date and year last above written.



Deanna Thomas
Notary Public

My Commission Expires:

3/31/21

11/12/2019

Date

Hongwei Luo
Hongwei Luo

STATE OF Missouri
COUNTY St. Louis

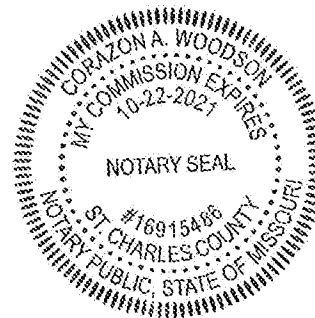
On this 12th day of November 2019 before me, a Notary Public, personally appeared Hongwei Luo to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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

Corazon A. Woodson
Notary Public

My Commission Expires:

10-22-2021



11/12/2013

Date

Aviral Shukla
Aviral Shukla

STATE OF

Missouri

COUNTY

St. Louis

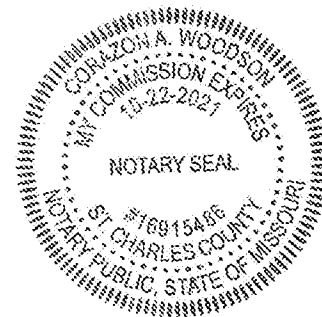
On this 12th day of November 2013, before me, a Notary Public, personally appeared Aviral Shukla to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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

Corazon A Woodson
Notary Public

My Commission Expires:

10-22-2021



06/19/2020

Date



Zi Wang

06/19/2020

Date



Witness

11/12/2019
Date

Yiduo Zhan
Yiduo Zhan

STATE OF Missouri)
COUNTY St. Louis }

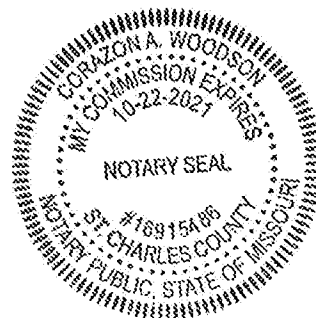
On this 12th day of November 2019 before me, a Notary Public, personally appeared Yiduo Zhan to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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

Corazon A. Woodson
Notary Public

My Commission Expires:

10-22-2021



11/21/2019
Date

Hui Zhang
Hui Zhang

STATE OF Missouri
COUNTY St. Louis

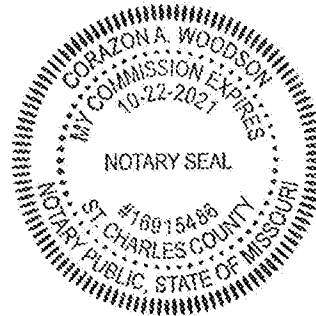
On this 21 day of November 2019 before me, a Notary Public, personally appeared Hui Zhang to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

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

Corazon A. Woodson
Notary Public

My Commission Expires:

10-22-2021



11/14/2019
Date

Xiaobo Zhou
Xiaobo Zhou

STATE OF Missouri
COUNTY St. Louis

On this th14 day of November, 2019, before me, a Notary Public, personally appeared Xiaobo Zhou 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 and the date and year last above written.

Corazon A. Woodson
Notary Public

My Commission Expires:

10-22-2021

