503834804 05/19/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KATHLENE LAURIE JACOBSON	04/30/2016
BRYAN TODD BAYLOR	05/04/2016
LAUREN A. BALABAN	04/21/2016
TROY WILLIAM HOBBS	04/20/2016
TIMOTHY GENE HOLT	04/21/2016

RECEIVING PARTY DATA

Name:	THE MOSAIC COMPANY
Street Address:	3033 CAMPUS DRIVE
Internal Address:	SUITE E490
City:	PLYMOUTH
State/Country:	MINNESOTA
Postal Code:	55441

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14913091

CORRESPONDENCE DATA

Fax Number: (612)349-9266

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.

Phone: 612.252.1558

Email: LANDREE@PTSLAW.COM DAIDRE L. BURGESS **Correspondent Name:**

Address Line 1: PATTERSON THUENTE IP

Address Line 2: 80 SOUTH 8TH STREET, 4800 IDS CENTER

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER: 3595.552WOUS01 NICOLE E. LANDREE NAME OF SUBMITTER: **SIGNATURE:** /NICOLE E. LANDREE/ DATE SIGNED: 05/19/2016

PATENT REEL: 038651 FRAME: 0919 503834804

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PATENT REEL: 038651 FRAME: 0920

ASSIGNMENT

WHEREAS, we, Kathlene Laurie Jacobson, Saskatoon, Saskatchewan, CA, Bryan Todd Baylor, Lithia, FL, Lauren A. Balaban, Wimauma, FL, Troy William Hobbs, Plymouth, MN, Timothy Gene Holt, Florence, AL, ("Assignors"), have invented certain new and useful improvements in SYSTEM AND METHODS FOR ADDITION OF BENEFICIAL AGRICULTURAL, BIOLOGICAL, AND/OR DEDUSTING ADDITIVES TO GRANULAR FERTILIZERS, for which an application for Letters Patent of the United States has been made, and which may be identified in the United States Patent Office by Application No. 14/913,091, filed February 19, 2016.

WHEREAS, The Mosaic Company ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 3033 Campus Drive, Suite E490, Plymouth, Minnesota 55441,, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor,

NOW, THEREFORE, for and in consideration of good and valuable consideration paid by Assignee to Assignors, the receipt and sufficiency of which is hereby acknowledged by us, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the Assignors if this assignment had not been made, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of

PATENT REEL: 038651 FRAME: 0921 this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date: 04/30/2016 Month/Day/Year	Kathlese Laurie Jacobson
Subscribed to and sworn to before	rampere goose account
me this 30 day of April . 2016.	
Denin C. Clarke	
Notary Public OENISE C. CLARKE NOTARY PUBLIC	•
Notary Seal My Commission Express January 31, 2021	
Date:	
Month/Day/Year	Bryan Todd Baylor
Subscribed to and sworn to before	
me this day of, 20	
Notary Public	
Notary Seal	

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this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date:	
Month/Day/Year	Kathlene Laurie Jacobson
Subscribed to and sworn to before me this day of, 20	
Notary Public	
Notary Seal	
Date: Mgy 4, 2016 Month/Day/Year	Pryan Todd Baylor
Subscribed to and sworn to before mothis day of <u>MM</u> , 20 1/2.	
Notary Public	
Notary Seal And Notary Par Community Com	Il Florida Notary Public - State of Florida

Date: 04/20/2016 Month/Day/Year	Application No. 14/913,091 Tyoy William Hobbs
Subscribed to and sworn to before me this 20th day of ADV	
Date:	
Month/Day/Year	Timothy Gene Holt
Subscribed to and sworn to before me this day of, 20	
Notary Public	

Notary Seal

Application No. 14/913,091

Date:	
Month/Day/Year	Troy William Hobbs
Subscribed to and sworn to before me this day of 20	
Notary Public	
Notary Seal	
Date: 4/21/2016 Month/Day/Year	Timothy Gone Holt
Subscribed to and sworn to before me this Alst day of April , 2016.	
Potary Public	
Notary-Seal	

My Commission Expires 05/13/2017

Date:	
Month/Day/Year	Troy William Hobbs
Subscribed to and sworn to before me this day of, 20	
Notary Public	
Notary Seal	
Date: Month/Day/Year	Timothy Gene Holt
Subscribed to and sworn to before me this day of, 20	
Notary Public	
Notary Seal	
Date: 64/21/16 Month/Day/Year	Lauren A. Balaban
Subscribed to and sworn to before me this 21 54 day of 4 pril . 20 16.	
Notary Public Ports ton	JOAN A. POYNTON Notary Public - State of Florida My Comm. Expires May 13, 2017 Commission # EE 880921 Bonded Through National Hotery Assn.
Notary Scal	

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RECORDED: 05/19/2016