

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
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<b>CORRESPONDENCE DATA</b>																	
<p>Fax Number: (309)749-0083  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 719-434-2635</p> <p>Email: patmolineuspto@johndeere.com</p> <p>Correspondent Name: DEERE &amp; COMPANY</p> <p>Address Line 1: ONE JOHN DEERE PLACE</p> <p>Address Line 2: Charles T. Graham</p> <p>Address Line 4: MOLINE, ILLINOIS 61265</p>																	

CH \$40.00 12431366

500886822

**PATENT**  
**REEL: 022830 FRAME: 0039**

ATTORNEY DOCKET NUMBER:	18616P-US
NAME OF SUBMITTER:	Charles T. Graham
<b>Total Attachments: 5</b> source=18616P_US_Assignment#page1.tif source=18616P_US_Assignment#page2.tif source=18616P_US_Assignment#page3.tif source=18616P_US_Assignment#page4.tif source=18616P_US_Assignment#page5.tif	

## ASSIGNMENT

The below named inventor(s) own(s) the entire right title and interest to the invention ("the Invention") which is the subject of a United States patent application ("the Application") entitled:

**SEED DELIVERY APPARATUS WITH SENSOR AND MOVING MEMBER  
TO CAPTURE AND MOVE SEED TO A LOWER OUTLET OPENING**  
**Serial No.: 12/431,366      Filing Date: 28 April 2009**

which each inventor has executed on the date indicated below next to each inventor's name.

Pursuant to an agreement between each inventor and Deere & Company, a Delaware corporation having its principal office at Moline, Illinois, as well as other good and valuable considerations paid to each inventor, each inventor agrees to assign, and hereby does assign to Deere & Company the entire right, title and interest which said inventor has or may have to the Invention.

The assigned rights include all rights to file US and foreign patent applications for the Invention described in the name of each inventor or Deere & Company, as well as any right of priority to any letters patent of the United States or any other country that may be granted for the Invention, and any continuations, divisions or extensions thereof. These assigned rights are to be held and enjoyed by Deere & Company, its successors or assigns, as fully and entirely as the same would have been held and enjoyed by each inventor had this assignment not been made.

Each inventor agrees to execute all papers which Deere & Company, its successors or assigns deem expedient in connection with the Application and any continuing, divisional, reissue, reexamination or foreign applications concerning the Invention, and to cooperate with Deere & Company, its successors or assigns in every proper way possible to obtain patent(s) based on the Application and any continuing, divisional, reissue, reexamination or foreign applications concerning the Invention.

Each inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any letters patent based on the assigned rights to Deere & Company.

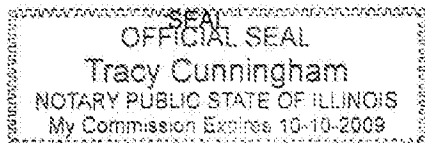
In witness whereof, each inventor has signed below:

Elijah R. Garner Date signed 19 May, 2009 at Milan IL  
Elijah Garner City State

State of IL  
County of Rock Island

Sworn to before me this 19 day of May, 2009.

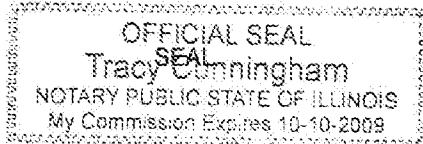
[Signature]  
Notary Public



MICHAEL E. FRIESTAD Date signed 19 MAY 2009 at MILAN, IL  
Michael E. Friestad City State

State of IL  
County of ROCK ISLAND

Sworn to before me this 19 day of May, 2009.

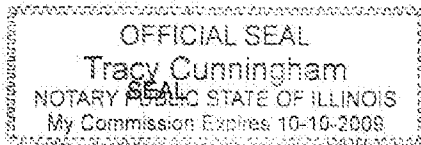


[Signature]  
Notary Public

Nathan A. Mariman Date signed 19 May 2009 at Milan, IL  
Nathan A. Mariman City State

State of IL  
County of Rock Island

Sworn to before me this 19 day of May, 2009.

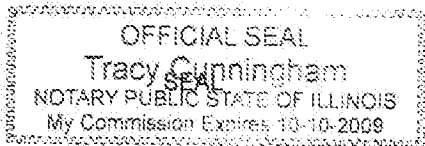


[Signature]  
Notary Public

David J. Rylander Date signed 19 MAY 2009 at MILAN, IL  
David J. Rylander City State

State of IL  
County of Rock Island

Sworn to before me this 19 day of May, 2009.



[Signature]  
Notary Public

\_\_\_\_\_  
Daniel B. Thiemke Date signed \_\_\_\_\_ at \_\_\_\_\_, \_\_\_\_\_  
City State

State of \_\_\_\_\_  
County of \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

SEAL

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Michael E. Friestad Date signed \_\_\_\_\_ at \_\_\_\_\_  
City State

State of \_\_\_\_\_  
County of \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

SEAL

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Nathan A. Mariman Date signed \_\_\_\_\_ at \_\_\_\_\_  
City State

State of \_\_\_\_\_  
County of \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

SEAL

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
David J. Rylander Date signed \_\_\_\_\_ at \_\_\_\_\_  
City State

State of \_\_\_\_\_  
County of \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

SEAL

\_\_\_\_\_  
Notary Public

Dan Thieme  
Daniel B. Thieme Date signed 01 May 2009 at Horicon WI  
City State

State of Wisconsin  
County of Dodge

Sworn to before me this 1st day of May, 2009.

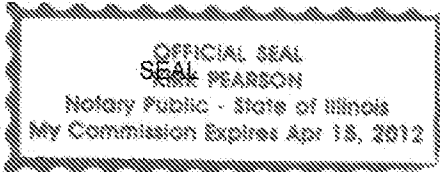
SEAL

Jane W. [Signature]  
Notary Public

James Z. Liu Date signed 4/29/09 at Rockford IL  
James Z. Liu City State

State of IL  
County of Winnebago

Sworn to before me this 26<sup>th</sup> day of April, 2009.



[Signature]  
Notary Public

\_\_\_\_\_  
Nikolai R. Tevs Date signed \_\_\_\_\_ at \_\_\_\_\_  
City State

State of \_\_\_\_\_  
County of \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

SEAL

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
James Z. Liu Date signed \_\_\_\_\_ at \_\_\_\_\_  
City State

State of \_\_\_\_\_  
County of \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

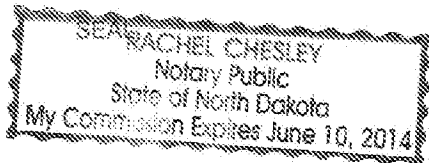
SEAL

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Nikolai R. Tevs Date signed Apr. 29, 2009 at Fargo, ND  
City State

State of North Dakota  
County of Cass

Sworn to before me this 29<sup>th</sup> day of April, 2009.



\_\_\_\_\_  
Notary Public