

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Aaron S Ritter</td> <td>07/11/2013</td> </tr> <tr> <td>Bruce Coers</td> <td>07/11/2013</td> </tr> <tr> <td>Benjamin Lovett</td> <td>07/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Aaron S Ritter	07/11/2013	Bruce Coers	07/11/2013	Benjamin Lovett	07/12/2013
Name	Execution Date								
Aaron S Ritter	07/11/2013								
Bruce Coers	07/11/2013								
Benjamin Lovett	07/12/2013								
RECEIVING PARTY DATA									
Name:	Deere & Company								
Street Address:	ONE JOHN DEERE PLACE								
City:	MOLINE								
State/Country:	ILLINOIS								
Postal Code:	61265								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13940311</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13940311				
Property Type	Number								
Application Number:	13940311								
CORRESPONDENCE DATA									
Fax Number:	3097490083								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	309-765-4451								
Email:	patmolineuspto@johndeere.com								
Correspondent Name:	DEERE & COMPANY								
Address Line 1:	ONE JOHN DEERE PLACE								
Address Line 2:	GIPS								
Address Line 4:	MOLINE, ILLINOIS 61265								
ATTORNEY DOCKET NUMBER:	P21557-US								
NAME OF SUBMITTER:	Stephen M. Patton								
Signature:	/Stephen Michael Patton #36235/								

Date:

07/12/2013

Total Attachments: 6

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DECLARATION AND ASSIGNMENT

1. Declaration As the below named declarant-inventor(s) ("declarant" or "inventor"), each declarant-inventor who signs below hereby declares that: (1) the application identified below was made or was authorized to be made by each declarant, (2) the declarant believes himself or herself to be the original inventor or an original joint inventor of a claimed invention in the application, (3) the declarant hereby acknowledges that any willful false statement made in this declaration of inventorship or document is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both, (4) the declarant states that he or she has reviewed and understand the contents of the above identified application, including the claims, and (5) the declarant acknowledges that he or she is aware of the duty to disclose information (e.g., any prior art or publication) which is material to patentability as defined in 37 CFR § 1.56.

2. Assignment Subject to an obligation to assign the invention to:

Deere & Company ("Assignee" or "Deere"), a Delaware corporation

the below named declarant-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:

ARTICULATED HARVESTING HEAD GROUND FORCE CONTROL CIRCUIT

which each declarant-inventor has executed on the date indicated below next to each inventor's name,

Pursuant to an agreement between each declarant-inventor and Assignee or other legal obligation supported by good and valuable consideration, the receipt of which is acknowledged by each inventor, each declarant-inventor (individually and collectively "Assignor"), agrees to assign, and hereby assigns to Assignee all title, right and interest in the Invention and Application, including the assigned rights as more fully set forth herein. If any below listed declarant-inventor is or was employed by a German subsidiary or affiliate of Assignee, at the conception or creation of the Invention, as required under German law on employee inventions, Assignee, or its German subsidiary or affiliate, laid claim on the Invention and Assignee became the owner of any rights in the Invention and Application as required under German law. If any inventor has previously assigned the same Invention or same Application to Assignee, instead of merely assigning all title, rights, and interest to Assignee, the Assignor acknowledges that all title, right and interest in the Invention and Application was previously assigned to Assignee and hereby assigns, without any reservation, any remaining rights in or to the Invention and Application that the Assignor may hold for whatever reason.

The assigned rights include, but are not limited to, all worldwide rights to file any United States patent applications, international patent applications, and any foreign patent applications, utility patent applications, design patent applications, copyrights, plant patent applications, utility model applications, or similar industrial property rights for the Invention described in the name of each inventor or in the name of the Assignee, as well as any right of priority to any patent or application of the United States or any other country or jurisdiction based on the Invention. The assigned rights include the right for the Assignee, or its legal representatives, to file any continuing, continuation, continuation-in-part, divisional, reissue, extension, or reexaminations of the Application or Invention, or any U.S., international, or foreign applications that claim priority based on the Application. These assigned rights are to be held and enjoyed by the Assignee, 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.

The Invention and Application shall be deemed the sole and exclusive property of Assignee and each inventor agrees to execute any and all documents which Assignee, its successors or assigns, deem necessary to transfer, acknowledge, or assign such rights in or to the Invention and Application to Assignee, its successors, or assigns. Each inventor agrees to execute all documents which Assignee, its successors or assigns deem expedient in connection with the Application and any continuing, continuation, continuation-in-part, divisional, reissue, reexamination or other domestic, international or

foreign applications on a worldwide basis concerning the Invention or that claim priority based on the Application or Invention; and any renewal, revival or substitute of any of the foregoing applications, any derivation proceedings relating to any of the foregoing applications; and, as to patents granted on the any of the foregoing applications, any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof. Each inventor agrees to cooperate with Assignee, its successors or assigns in every proper way possible to obtain, defend and assert one or more patent(s) based on: the Application and any continuing, continuation, continuation-in-part, divisional, reissue, reexamination or other domestic, international, or foreign applications concerning the Invention; any renewal, revival, or substitute of any domestic or foreign applications, any derivation proceedings relating to any of the foregoing applications; and, as to patents granted on the foregoing applications, any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof. During or after any employment by Assignee, each inventor agrees, at no cost to Assignee, to execute any and all documents which Assignee, its successors, or assigns, deem necessary to obtain, maintain and/or enforce its rights in such Invention or Application including, but not limited to, any related patent applications which Assignee elects to file in all countries in the world and to fully cooperate with Assignee in the obtaining, maintaining and enforcement of any intellectual property protection sought or obtained for such Inventions including providing any testimony required to obtain, maintain and/or enforce such rights. Each inventor hereby authorizes any patent office in the world to issue any letters patent based on the assigned rights to the Assignee. Each inventor hereby covenants that he or she has not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Declaration and Assignment. Each inventor grants the legal representative of Assignee, its successors and assigns, the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Each declarant-inventor declares and agrees to all provisions of this Declaration and Assignment by signing below:

Aaron S. Ritter
AARON S. RITTER
7/11/13 Date signed
at Silvis City
IL State

The signing of the Declaration and Assignment by the above declarant-inventor is witnessed or notarized as set forth below:

Non-inventor witness printed name Witness signature Date

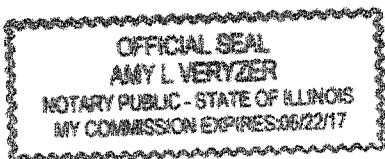
Non-inventor witness printed name Witness signature Date

State of Illinois)
County of Rock Island)

Sworn to before me this 11th day of
July, 2013.

Amy L. Veryzer
Notary Public

SEAL



Bruce A. Coers
BRUCE A. COERS

11 July 2013 at Silvis, IL
Date signed City State

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Non-inventor witness printed name Witness signature Date

Non-inventor witness printed name Witness signature Date

State of Illinois)
County of Rock Island)

Sworn to before me this 11th day of
July, 2013.

Amy L. Veryzer
Notary Public



BENJAMIN M. LOVETT Date signed at _____
City State

The signing of the Declaration and Assignment by the above declarant-inventor is witnessed or notarized as set forth below:

Non-inventor witness printed name Witness signature Date

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foreign applications on a worldwide basis concerning the Invention or that claim priority based on the Application or Invention; and any renewal, revival or substitute of any of the foregoing applications, any derivation proceedings relating to any of the foregoing applications; and, as to patents granted on the any of the foregoing applications, any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof. Each inventor agrees to cooperate with Assignee, its successors or assigns in every proper way possible to obtain, defend and assert one or more patent(s) based on: the Application and any continuing, continuation, continuation-in-part, divisional, reissue, reexamination or other domestic, international, or foreign applications concerning the Invention; any renewal, revival, or substitute of any domestic or foreign applications, any derivation proceedings relating to any of the foregoing applications; and, as to patents granted on the foregoing applications, any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof. During or after any employment by Assignee, each inventor agrees, at no cost to Assignee, to execute any and all documents which Assignee, its successors, or assigns, deem necessary to obtain, maintain and/or enforce its rights in such Invention or Application including, but not limited to, any related patent applications which Assignee elects to file in all countries in the world and to fully cooperate with Assignee in the obtaining, maintaining and enforcement of any intellectual property protection sought or obtained for such inventions including providing any testimony required to obtain, maintain and/or enforce such rights. Each inventor hereby authorizes any patent office in the world to issue any letters patent based on the assigned rights to the Assignee. Each inventor hereby covenants that he or she has not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Declaration and Assignment. Each inventor grants the legal representative of Assignee, its successors and assigns, the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Each declarant-inventor declares and agrees to all provisions of this Declaration and Assignment by signing below:

AARON S. RITTER Date signed at _____, _____
City State

The signing of the Declaration and Assignment by the above declarant-inventor is witnessed or notarized as set forth below:

Non-inventor witness printed name Witness signature Date

Non-inventor witness printed name Witness signature Date

State of _____)
County of _____)

Sworn to before me this _____ day of _____, 2013.

Notary Public

SEAL

BRUCE A. COERS Date signed at _____ City _____ State

The signing of the Declaration and Assignment by the above declarant-inventor is witnessed or notarized as set forth below:

Non-inventor witness printed name Witness signature Date

Non-inventor witness printed name Witness signature Date

State of _____)
County of _____)

Sworn to before me this _____ day of _____, 2013.

Notary Public

SEAL



BENJAMIN M. LOVETT Date signed 12 JUL 13 at MOSCOW City RUSSIAN FEDERATION State

The signing of the Declaration and Assignment by the above declarant-inventor is witnessed or notarized as set forth below:



Non-inventor witness printed name Witness signature Date 12.07.2013



Non-inventor witness printed name Witness signature Date 12/07/2013

State of _____)
County of _____)

Sworn to before me this _____ day of _____, 2013.

Notary Public

SEAL