

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3113270

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DOHN W. PFEIFFER	10/31/2014
TIMOTHY A. DEUTSCH	11/14/2014
JOHN F. REID	11/18/2014
ALEX D. FOESSEL	11/07/2014
RECEIVING PARTY DATA	
Name:	DEERE & COMPANY
Street Address:	ONE JOHN DEERE PLACE
City:	MOLINE
State/Country:	ILLINOIS
Postal Code:	61265
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14546725
CORRESPONDENCE DATA	
Fax Number:	(952)373-8920
<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:	952-467-6088
Email:	sgreenfield@khcip.com
Correspondent Name:	KELLY, HOLT & CHRISTENSON (JOHNDEERE)
Address Line 1:	113 W. MAIN STREET
Address Line 4:	WACONIA, MINNESOTA 55387
ATTORNEY DOCKET NUMBER:	J01120015-P22253-CIP1-CIP
NAME OF SUBMITTER:	JOSEPH R. KELLY
SIGNATURE:	/Joseph R. Kelly/
DATE SIGNED:	11/18/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 16	
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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; or
- Phoenix International Corporation ("Assignee"), a wholly-owned subsidiary of Deere; or
- NavCom Technology, Inc. ("Assignee"), a wholly-owned subsidiary of Deere; or
- Maschinenfabrik Kemper GmbH & Co. KG, ("Assignee"), a German entity affiliated with Deere; or
- Sabo Maschinenfabrik GmbH ("Assignee"), a German entity affiliated with Deere;

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:

AGORNOMIC VARIATION AND TEAM PERFORMANCE ANALYSIS 14/546,725, filed November 18, 2014

which each declarant-inventor has executed on the date indicated below next to each inventor's name, and which claims priority based on Application Serial No. 14/445,699, filed July 29, 2014 which is a continuation-in-part of and claims priority of U.S. patent application Serial No. 14/271,077, filed May 6, 2014 which is a continuation-in-part of, and claims priority of U.S. patent application Serial No. 14/155,023, filed January 14, 2014.

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:

 31 Oct 14 at Moline IL
Dohn W. Pfeiffer Date signed City State

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

<u>MOHAMAD S EL-Zein</u> Non-inventor witness printed name	<u></u> Witness signature	<u>10/31/2014</u> Date
<u>Kuen Tat Teh</u> Non-inventor witness printed name	<u></u> Witness signature	<u>10/31/2014</u> Date

State of _____)
County of _____)

Sworn to before me this _____ day of
_____, 2014.

Notary Public

SEAL

Timothy A. Deutsch _____ at _____, _____
Date signed 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
_____, 2014.

Notary Public

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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.

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_____ at _____, _____
Dohn W. Pfeiffer Date signed 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 _____, 2014.

Notary Public

SEAL

Timothy A. Deutsch Nov 14, 2014 at Baxter Iowa
Timothy A. Deutsch Date signed City State

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

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Non-inventor witness printed name Witness signature Date

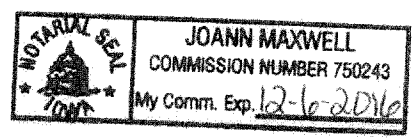
State of Iowa)
County of Jasper)

Sworn to before me this 14 day of November, 2014.

Joann Maxwell

Notary Public

SEAL



_____ at _____
John F. Reid Date signed 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
_____, 2014.

Notary Public

SEAL

_____ at _____
Alex D. Foessel Date signed 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 _____)

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_____, 2014.

Notary Public

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_____ at _____
Dohn W. Pfeiffer Date signed 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

[Signature]
John F. Reid

18-Nov-2014 at Milan, IL
Date signed City State

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

CAROL PLOUFFE
Non-inventor witness printed name

[Signature]
Witness signature

18 Nov 2014
Date

Pushpa Manukonda
Non-inventor witness printed name

[Signature]
Witness signature

18 Nov 2014
Date

State of _____)
County of _____)

Sworn to before me this _____ day of _____, 2014.

Notary Public

SEAL

Alex D. Foessel Date signed at _____, _____ State
City

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 _____, 2014.

Notary Public

SEAL

State of _____)
County of _____)

Sworn to before me this _____ day of
_____, 2014.

Notary Public

SEAL

Timothy A. Deutsch Date signed at _____ City _____ State

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Non-inventor witness printed name Witness signature Date

Non-inventor witness printed name Witness signature Date

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County of _____)

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Notary Public

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which each declarant-inventor has executed on the date indicated below next to each inventor's name, and which claims priority based on Application Serial No. 14/445,699, filed July 29, 2014 which is a continuation-in-part of and claims priority of U.S. patent application Serial No. 14/271,077, filed May 6, 2014 which is a continuation-in-part of, and claims priority of U.S. patent application Serial No. 14/155,023, filed January 14, 2014.

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:

_____ at _____, _____
Dohn W. Pfeiffer Date signed City State

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

_____ Witness signature Date
Non-inventor witness printed name

_____ Witness signature Date
Non-inventor witness printed name

State of _____)
County of _____)

Sworn to before me this _____ day of
_____, 2014.

Notary Public

SEAL

Timothy A. Deutsch 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
_____, 2014.

Notary Public

SEAL

John F. Reid _____ at _____, _____
Date signed 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 _____, 2014.

Notary Public

SEAL

Alex D. Foessel
Alex D. Foessel

7/NOV/14
Date signed

at INDAIATUBA BRAZIL
City State

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

ROBERTO MARQUES
Non-inventor witness printed name

[Signature]
Witness signature

07/NOV/2014
Date

Rodrigo Nomurz
Non-inventor witness printed name

[Signature]
Witness signature

07/NOV/2014
Date

State of _____)
County of _____)

Sworn to before me this _____ day of _____, 2014.

Notary Public

SEAL