PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 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

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: 952-467-6088

Email: sgreenfield@khcip.com

Correspondent Name: KELLY, HOLT & CHRISTENSON (JOHNDEERE)

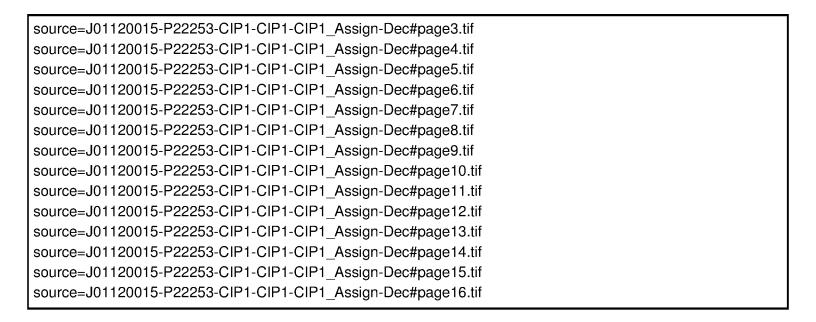
Address Line 1: 113 W. MAIN STREET

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

source=J01120015-P22253-CIP1-CIP1-CIP1_Assign-Dec#page1.tif source=J01120015-P22253-CIP1-CIP1-CIP1_Assign-Dec#page2.tif



- 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.

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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.

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Dohn W. Pfeiffer

Date signed

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

Mohamad S El-Ein Non-inventor witness printed name

Witness signature

Witness signature

Date

10/31/2014

Non-inventor witness printed name

Witness signature

Date

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

State of) County of)			
Sworn to before me this day of, 2014.			
	Notary Public		
SEAL			
		at	
Timothy A. Deutsch	Date signed	City	State
The signing of the Declaration and Assignment	ment by the above declarar	nt-inventor is witnesse	d or notarized
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Sworn to before me this day of, 2014.			
	Notary Public		
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John F. Reid	Date signed	City	State
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Alex D. Foessel	Date signed	City	State
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Sworn to before me this day of, 2014.			
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Each declarant-inventor declares and ag signing below:	nd agrees to all provisions of this Declaration and Assignment by			
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Dohn W. Pfeiffer	Date signed	City	State	
The signing of the Declaration and Assig as set forth below:	nment by the above declarar	it-inventor is witnes	sed or notarized	
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Timothy A. Dentack Timothy A. Dentack	Date signed	City	State
The signing of the Declaration and Assignmen	nt by the above declarant-	inventor is witnessed	or notarized
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November, 2014.	40am	Marine	<u> </u>
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SARIN & JOANN MAXWELL	1		

		at	
John F. Reid	Date signed	City	State
The signing of the Declaration and Assignme as set forth below:	ent by the above declara	ant-inventor is witnessed o	or notarized
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Sworn to before me this day of, 2014.			
	Notary Public		
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Alex D. Foessel	Date signed	City	State
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Non-inventor witness printed name	Witness signature	Date	meg animanigan ana ani
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Sworn to before me this day of, 2014.			
	Notary Public		

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Dohn W. Pfeiffer	Date signed	at City	State
The signing of the Declaration and Assig as set forth below:	gnment by the above declarant	t-inventor is witnes	sed or notarized
Non-inventor witness printed name	Witness signature	Date	a a Constitution de la constitución de la constituc
Non-inventor witness printed name	Witness signature	Date	

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

signing below:

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John F. Reid	Date signed	City	State
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Alex D. Foessel	Date signed	City	State
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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, interpartes 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-inpart, 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:			
	atat		
Dohn W. Pfeiffer	Date signed	City	State
The signing of the Declaration and Assig as set forth below:	nment by the above declara	nt-inventor is witness	sed or notarized
Non-inventor witness printed name	Witness signature	Date	nakaran constantii salahii di uuruunga dankar
Non-inventor witness printed name	Witness signature	Date	AND THE PROPERTY OF THE PROPER

State of)			
Sworn to before me this day of, 2014.			
	Notary Public		
SEAL			
		at	
Timothy A. Deutsch	Date signed	City	State
The signing of the Declaration and Assignates as set forth below:	ment by the above declara	int-inventor is witnesse	d or notarized
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.			
SEAL	Notary Public		

		at	
John F. Reid	Date signed	City	State
The signing of the Declaration and Assignment as set forth below:	ent by the above declara	nt-inventor is witnessed	or notarized
Non-inventor witness printed name	Witness signature	Date	**************************************
Non-inventor witness printed name	Witness signature	Date	ang yalkat sa na nasara sa na
State of) County of)			
Sworn to before me this day of, 2014.			
	Notary Public		MMA AMARINA MARINA (alah da kating gayanga Mili) (ingka liping a ciung
SEAL			
Alex D. Foessel	7/NOV/14 Date signed	at TNDA; ATUC	SA _, <u>B247</u> State
The signing of the Declaration and Assignments set forth below:	ent by the above declaran	nt-inventor is witnessed o	or notarized
ROBERTO MARQUES	De la como	04/NOV	12014
Non-inventor witness printed name	Witness signature	04/NOV Date 07/NOV	12011
Ion-inventor witness printed name	Witness signature	<u>O F7 Nou</u> Date	1/014
otate of) county of)			
Sworn to before me this day of, 2014.			
	Notary Public	n mende de 2006 de 2008 in de propue sport appara por campa de mante de mante de mante de 100	
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PATENT REEL: 034201 FRAME: 0400

RECORDED: 11/18/2014