10/09/2015 503516473

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3563099

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRAVIS A SHEKLETON	07/13/2015
NILESH KUMBHAR	07/07/2015
FLEIX NAGELIN	07/17/2015
KYLE T. MARTIN	07/13/2015
JUSTIN C. GROSS	07/13/2015
DESIGNWOKS	10/05/2015

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:	29536020

CORRESPONDENCE DATA

Fax Number: (309)749-0083

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: 3097654451

patmolineuspto@johndeere.com Email:

DEERE & COMPANY Correspondent Name: Address Line 1: ONE JOHN DEERE PLACE Address Line 4: MOLINE, ILLINOIS 61265

ATTORNEY DOCKET NUMBER:	P23291-US-DES-2
NAME OF SUBMITTER:	DANIEL A. GRISWOLD
SIGNATURE:	/Daniel A. Griswold/
DATE SIGNED:	10/09/2015

Total Attachments: 12

PATENT REEL: 036762 FRAME: 0610

```
source=P23291-US-DES-2-Felix-Nagelin-Executed-DecAssign#page1.tif
source=P23291-US-DES-2-Felix-Nagelin-Executed-DecAssign#page3.tif
source=P23291_US_DES_2_Nilesh_Shahebaz_Assignment_20150701#page1.tif
source=P23291_US_DES_2_Nilesh_Shahebaz_Assignment_20150701#page2.tif
source=P23291_US_DES_2_Nilesh_Shahebaz_Assignment_20150701#page2.tif
source=P23291_US_DES_2_Nilesh_Shahebaz_Assignment_20150701#page3.tif
source=P23291-2-US-DesignWork-Declaration-and-Assignment#page1.tif
source=P23291-2-US-DesignWork-Declaration-and-Assignment#page2.tif
source=P23291-US-DES-2-Felix Nagelin-Executed-DecAssign#page1.tif
source=p23291-US-DES-2-Felix Nagelin-Executed-DecAssign#page2.tif
source=p23291-US-DES-2-Felix Nagelin-Executed-DecAssign#page3.tif
```

PATENT REEL: 036762 FRAME: 0611

BOOM FOR A WORK VEHICLE

Application Number(s): $\frac{\partial 9}{\partial 5}\frac{36020}{6020}$ Filing Date(s): $\frac{\partial 0}{\partial 5}\frac{508}{2}$

DECLARATION

As a below named inventor, I hereby declare that:

- (1) The above-identified application was made or authorized to be made by me;
- (2) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application;
- (3) I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both;
- (4) I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above; and
- (5) I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, as a below named inventor, hereby irrevocably assign all right, title, and interest in any invention in the above-identified application and improvements thereof (the "Invention") to Deere & Company, a Delaware corporation, (the "Assignee") and hereby confirm any prior assignment (whether in writing or by operation of law) to Assignee.

I acknowledge that the above assignment includes, but is not limited to, worldwide rights to patents and registrations (e.g., design, invention, plant, utility, and utility model), copyrights, and similar industrial property rights relating to the Invention. Further, I acknowledge that said assignment includes without limitation any right of priority and any right to bring proceedings and obtain remedies for infringement, including for acts committed before or after the date of this assignment.

I acknowledge that the assigned rights hereunder shall include without limitation any applications, registrations, and proceedings of the above (e.g., continuations, continuations-in-part, divisionals, derivations, extensions, non-provisionals, oppositions, provisionals, reissues, reexaminations, renewals, reviews, revivals, substitutes, and supplemental examination) relating to the Invention.

ADMINISTRATION

I, as a below named inventor, agree to cooperate with Assignee as reasonably necessary to obtain, maintain, and enforce any assigned rights, including executing documents and providing evidence, without additional compensation. I hereby covenant that I have not entered into, nor will I enter into, any agreement that conflicts with this assignment. Additionally, I hereby authorize any patent office in the world to issue any letters patent based on the assigned rights to the Assignee and authorize Assignee to modify this document with further identification of the Invention (e.g., application number and filing date) as Assignee deems expedient in order to record this document.

I declare and agree to all provisions of this writing by signing below.

[Signature page to follow]

Travis A. Shekleton	7/13/15 at Do	Jbuque , 1A City State
The signature of the above inventor is notari	zed as set forth below:	
State of Towa County of Dibigue Sworn to before me this (3th day of 10), 2015.	Notary Public SEAL: NORE Commis My Co.	EN C SHERIDAN sion Number 782562 mmission Expires
Nilesh Kumbhar	at Date	City State
The signature of the above inventor is witnes	ssed by two non-inventors as set forth be	elow:
Witness printed name	Witness signature	Date

Witness printed name	Witness signature	Date
Felix Nagelin	at at	City State
The signature of the above inventor is witnes		·
The signature of the above inventor is withes	sed by two non-inventors of notalized a	is set forth below.
Witness printed name	Witness signature	Date
Witness printed name	Witness signature	Date
State of)) Notary Public	
Sworn to before me this day of, 2015.	SEAL:	

/ Kyi	e T. Martin	7/13/15 Date	at <u> </u>	, <u>TA</u> State
	The signature of the above inventor is notarized as State of	set forth below: Notary Public SEAL:	NOREEN C SHERIDAN Commission Number 782562 My Commission Expires	
Tés	n C. Gross		at <u> </u>	, Z/ State
	State of	Notary Public SEAL:	NOREEN C SHERIDAN Commission Number 782562 My Commission Expires	
Inc.	ny above-named inventor was employed by, or was ("DesignWorks"), DesignWorks (1) agrees to the a and interest it may have in the Invention to Assig ver damages for past infringement, through the sign	bove assignment and (mee, including any rig	hereby irrevocably assign to of priority and any right	ns all right,
	Signature	— Date	•	
	Printed name	······		
	Title	••••		

BOOM FOR A WORK VEHICLE

Application Number(s): P2223 - 2. Filing Date(s):

29/536020 12 Aug 2015

DECLARATION

As a below named inventor, I hereby declare that:

- (1) The above-identified application was made or authorized to be made by me;
- (2) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application:
- (3) I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both;
- (4) I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above; and
- (5) I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, as a below named inventor, hereby irrevocably assign all right, title, and interest in any invention in the above-identified application and improvements thereof (the "Invention") to Deere & Company, a Delaware corporation, (the "Assignee") and hereby confirm any prior assignment (whether in writing or by operation of law) to Assignee.

I acknowledge that the above assignment includes, but is not limited to, worldwide rights to patents and registrations (e.g., design, invention, plant, utility, and utility model), copyrights, and similar industrial property rights relating to the Invention. Further, I acknowledge that said assignment includes without limitation any right of priority and any right to bring proceedings and obtain remedies for infringement, including for acts committed before or after the date of this assignment.

I acknowledge that the assigned rights hereunder shall include without limitation any applications, registrations, and proceedings of the above (e.g., continuations, continuations-in-part, divisionals, derivations, extensions, non-provisionals, oppositions, provisionals, reissues, reexaminations, renewals, reviews, revivals, substitutes, and supplemental examination) relating to the Invention.

ADMINISTRATION

I, as a below named inventor, agree to cooperate with Assignee as reasonably necessary to obtain, maintain, and enforce any assigned rights, including executing documents and providing evidence, without additional compensation. I hereby coverant that I have not entered into, nor will I enter into, any agreement that conflicts with this assignment. Additionally, I hereby authorize any patent office in the world to issue any letters patent based on the assigned rights to the Assignee and authorize Assignee to modify this document with further identification of the Invention (e.g., application number and filing date) as Assignee deems expedient in order to record this document.

I declare and agree to all provisions of this writing by signing below.

[Signature page to follow]

Declaration and Assignment Attorney Docket No. P23291-2 Page 2 of 3

Travis A. Shekleton	Date	City	State	
The signature of the above inventor is notarized	l as set forth below:			
State of) Notary Public			
County of) Notary Public			
Sworn to before me thisday of, 2015.	SEAL			
	0'7/0'7/2015 at 1	unc	Mahaxaihlia	(India)
Nilesh Kumbhar	Date	City		
The signature of the above inventor is witnesse	d by two non-inventors as set for	th below:		
V	Witness signature			
YGCh Arribre Witness printed name	Jan 1 Jak	03	1	
witness printed name	% tiness signature		Date	
Ganesh Garoage	Quanane.	en :	167/2015	
Witness printed name	Witness signature		Date	
	25			
Felix Nagelin	Date	City	State	
The signature of the above inventor is witnessed	d by two non-inventors or notaria	ted as set forth b	ælow:	
Witness printed name	Witness signature		Date	
Witness printed name	Witness signature		Date	
State of)) Notary Public			
Sworn to before me this day of, 2015.				
aworn to before me this day	SEAL:			

OAT150197

Declaration and Assignment Attorney Docket No. P23291-2 Page 3 of 3

Kyle T. Martin	Date	at	City	State
The signature of the above inventor is notarized as	set forth below:		·	
State of) County of) Sworn to before me this day of, 2015.	Notary Public SEAL:			
Justin C. Gross	Date	at	City	State
The signature of the above inventor is notarized as			City	State
State of	Notary Public SEAL:			
If any above-named inventor was employed by, or was Inc. ("DesignWorks"), DesignWorks (1) agrees to the a title, and interest it may have in the Invention to Assis recover damages for past infringement, through the sign	ibove assignment a mee, including an	and (2) here y right of p	by irrevocably a riority and any :	usigns all right, right to sue and
Signature		Date		
Printed name				
Title				

BOOM FOR A WORK VEHICLE

Application Number(s): 29/536020 Filing Date(s): 12 Aug 2015

DECLARATION

As a below named inventor, I hereby declare that:

- (1) The above-identified application was made or authorized to be made by me;
- (2) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application;
- (3) I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both;
- (4) I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above; and
- (5) I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, as a below named inventor, hereby irrevocably assign all right, title, and interest in any invention in the above-identified application and improvements thereof (the "Invention") to Deere & Company, a Delaware corporation, (the "Assignee") and hereby confirm any prior assignment (whether in writing or by operation of law) to Assignee.

I acknowledge that the above assignment includes, but is not limited to, worldwide rights to patents and registrations (e.g., design, invention, plant, utility, and utility model), copyrights, and similar industrial property rights relating to the Invention. Further, I acknowledge that said assignment includes without limitation any right of priority and any right to bring proceedings and obtain remedies for infringement, including for acts committed before or after the date of this assignment.

I acknowledge that the assigned rights hereunder shall include without limitation any applications, registrations, and proceedings of the above (e.g., continuations, continuations-in-part, divisionals, derivations, extensions, non-provisionals, oppositions, provisionals, reissues, reexaminations, renewals, reviews, revivals, substitutes, and supplemental examination) relating to the Invention.

ADMINISTRATION

I, as a below named inventor, agree to cooperate with Assignee as reasonably necessary to obtain, maintain, and enforce any assigned rights, including executing documents and providing evidence, without additional compensation. I hereby covenant that I have not entered into, nor will I enter into, any agreement that conflicts with this assignment. Additionally, I hereby authorize any patent office in the world to issue any letters patent based on the assigned rights to the Assignee and authorize Assignee to modify this document with further identification of the Invention (e.g., application number and filing date) as Assignee deems expedient in order to record this document.

I declare and agree to all provisions of this writing by signing below.

[Signature page to follow]

	at		,
Travis A. Shekleton	Date	City	State
The signature of the above inventor is nota	urized as set forth below:		
State of)		
County of day Sworn to before me this day of, 2015.			
Nilesh Kumbhar	at Date	,	State
TYIICSH Kumunai	Liate	City	State
The signature of the above inventor is witn	essed by two non-inventors as set for	orth below:	
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	
Felix Nagelin	at		
renx Magenii	Date	City	State
The signature of the above inventor is wither	essed by two non-inventors or notar	ized as set forth below:	
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	
State of			
County of	Notary Public		
Sworn to before me this day of, 2015.	SEAL:		

Kyle T. Martin	Date	City	State
The signature of the above inventor is notarized	as set forth below:		
State of			
County of	Notary Public		
Sworn to before me this day of, 2015.	SEAL:		
Justin C. Gross	at Date	, City	State
	Date	, City	State
Justin C. Gross The signature of the above inventor is notarized State of	Date as set forth below:	City	State
Justin C. Gross The signature of the above inventor is notarized	Date as set forth below:	City	State

If any above-named inventor was employed by, or was working pursuant to an agreement with, DesignworksUSA, Inc. ("DesignWorks"), DesignWorks (1) agrees to the above assignment and (2) hereby irrevocably assigns all right, title, and interest it may have in the Invention to Assignee, including any right of priority and any right to sue and recover damages for past infringement, through the signature of its duly authorized representative below:

Signature

Drintad nama

r inted name

Title

BOOM FOR A WORK VEHICLE					I
Application Number(s):	P23291-2	Filing Date(s):	07	17	2015
	29/536020		12	Aug	2015

DECLARATION

As a below named inventor, I hereby declare that:

- (1) The above-identified application was made or authorized to be made by me;
- (2) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application;
- (3) I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both;
- (4) I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above; and
- (5) I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, as a below named inventor, hereby irrevocably assign all right, title, and interest in any invention in the above-identified application and improvements thereof (the "Invention") to Deere & Company, a Delaware corporation, (the "Assignee") and hereby confirm any prior assignment (whether in writing or by operation of law) to Assignee.

I acknowledge that the above assignment includes, but is not limited to, worldwide rights to patents and registrations (e.g., design, invention, plant, utility, and utility model), copyrights, and similar industrial property rights relating to the Invention. Further, I acknowledge that said assignment includes without limitation any right of priority and any right to bring proceedings and obtain remedies for infringement, including for acts committed before or after the date of this assignment.

I acknowledge that the assigned rights hereunder shall include without limitation any applications, registrations, and proceedings of the above (e.g., continuations, continuations-in-part, divisionals, derivations, extensions, non-provisionals, oppositions, provisionals, reissues, reexaminations, renewals, reviews, revivals, substitutes, and supplemental examination) relating to the Invention.

ADMINISTRATION

I, as a below named inventor, agree to cooperate with Assignee as reasonably necessary to obtain, maintain, and enforce any assigned rights, including executing documents and providing evidence, without additional compensation. I hereby covenant that I have not entered into, nor will I enter into, any agreement that conflicts with this assignment. Additionally, I hereby authorize any patent office in the world to issue any letters patent based on the assigned rights to the Assignee and authorize Assignee to modify this document with further identification of the Invention (e.g., application number and filing date) as Assignee deems expedient in order to record this document.

I declare and agree to all provisions of this writing by signing below.

[Signature page to follow]

DATISMINT

	at		
Travis A. Shekleton	Date	City	State
The signature of the above inventor is notarized	as set forth below:		
State of	Notary Public		tikir si sikir
-			
Sworn to before me this day of, 2015.	SEAL:		
	ant.		
Nilesh Kumbhar	Date	City	State
The signature of the above inventor is witnessed	I by two non-inventors as set for	orth below:	
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	NAME of the second seco
Felix Nagelin	07/17/15 at A	IEWBUKY PALK	<u>CA</u> State
The state of the s			
The signature of the above inventor is witnessed	by two non-inventors or notal	rized as set forth below:	
CHRISTOPHER LANCIANCE Witness printed name	Witness Signature	<u> </u>	<u>'15</u>
HECTOR SANTOS	1/	> 7/17	1/5
Witness printed name	Witness signature	/ Date /	September 1
State of) County of)	Notary Public	nonnennennen son sociologische Celler au des aus des notes innennen eines a us zuerenne eur	melinumel.
Sworn to before me this day of . 2015.	SEAL:		

Declaration and Assignment Attorney Docket No. P23291-2 Page 3 of 3

		at		
Kyle T. Martin	Date		City	State
The signature of the above inventor is notarized as	set forth below:			,
State of	NEES PROCESSO (SECONO SECONO S		With the Add Printers and the Add to Strangers	n di nasan di interes di malana anglas
	Notary Public			
Sworn to before me this day of, 2015.	SEAL:			
400000000000000000000000000000000000000		at		
Justin C. Gross	Date		City	State
State of	Notary Public SEAL:	titus jinus na aana da daana guu oo jirus na aana da daana guu oo jirus na aana da daana guu oo jirus na aana d		***************************************
of, 2015.				
If any above-named inventor was employed by, or wa Inc. ("DesignWorks"), DesignWorks (1) agrees to the a title, and interest it may have in the Invention to Assi- recover damages for past infringement, through the sign	above assignment and gnee, including any rig	(2) hereby	y irrevocably assi ority and any righ	gns all right, it to sue and
Signature Signature	07/17/ Dat	2015 e	Laterature	
TELIX NAGELIA				
Printed name	999/99999			

DAT150107

RECORDED: 10/09/2015

CLEATIVE DIRECTOL