06/15/2018 504962774

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5009521

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHAWN J. BECKER	06/07/2018
MARK D. BEECK	06/07/2018
DAVID L. STEINLAGE	05/31/2018
ANDREW J. PETERSON	05/31/2018
JOHN W. GISLER	05/31/2018
NARAYANAN E. ESAKKIMUTHU	06/04/2018

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:	16009291

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.

Email: patmolineforeign@johndeere.com **DEERE & COMPANY Correspondent Name:**

Address Line 1: ONE JOHN DEERE PLACE

Address Line 2: GLOBAL INTELLECTUAL PROPERTY SERVICES

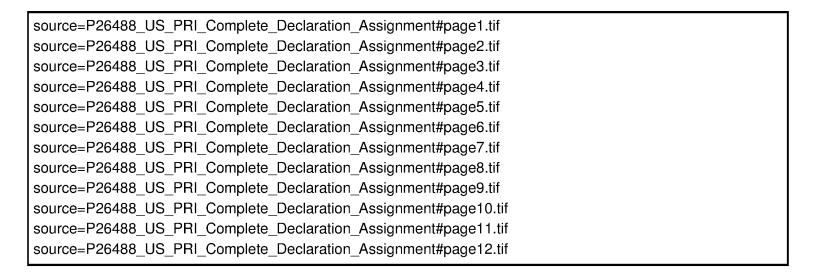
Address Line 4: MOLINE, ILLINOIS 61265

ATTORNEY DOCKET NUMBER:	P26488-US-PRI
NAME OF SUBMITTER:	PIYA G. SALGIA
SIGNATURE:	/Piya G. Salgia/
DATE SIGNED:	06/15/2018

Total Attachments: 12

PATENT REEL: 046383 FRAME: 0936

504962774



DECLARATION AND ASSIGNMENT

MIDDLE BREAKER FOR A TILLAGE IMPLEMENT

Application Number:	Fil	ng Date:
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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 confirm any prior assignment (whether in writing or by operation of law) of my 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") or its affiliate and, to the extent not already assigned to Assignee or its affiliate, hereby irrevocably assign all right, title, and interest I may have in the Invention 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, on, or after the date of this assignment.

Lacknowledge 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]

Declaration and Assignment Attorney Docket No. P26488-US-PRI Page 2 of 4

Shawn J. Becker		Ankeny , TA City State
The signature of the above inventor is w The least printed name The least printed name Witness printed name	Witness signature Witness signature	rized as set forth below: \[\frac{\lambda \ 7 - \/8}{\Date} \] \[\frac{\lambda - 7 - \/8}{\Date} \] \[\frac{\lambda - 7 - \/8}{\Date} \]
State of	Notary Public SEAL:	
David L. Steinlage	at Date	City State
David L. Steinlage The signature of the above inventor is w Witness printed name	Date	City State
David L. Steinlage The signature of the above inventor is w	Date itnessed by two non-inventors or nota	City State rized as set forth below: Date

Declaration and Assignment Attorney Docket No. P26488-US-PRI Page 3 of 4

Mark D. Beeck	<u>June</u> 7, 2018 at _	Ankeny TA
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State of	Notary Public SEAL:	
Andrew J. Peterson	at Date	City State
The signature of the above inventor is within Witness printed name	essed by two non-inventors or notar Witness signature	ized as set forth below: Date
Witness printed name	Witness signature	Date
State of County ofday	Notary Public SEAL:	
of, 2018.	.3157111.	

Attorney Docket No. P26488-US-PRI Page 4 of 4 John W. Gisler State The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below: Witness signature Date Witness printed name Witness signature Witness printed name Date State of ____ County of _____ Notary Public Sworn to before me this SEAL: of______, 2018. Narayanan E. Esakkimuthu State The signature of the above inventor is witnessed by two non-inventors or notarized as set forth below; Witness signature Witness printed name Date Witness signature Witness printed name Date State of _____ County of _____ Notary Public

SEAL:

day

Declaration and Assignment

Sworn to before me this

of______, 2018.

DECLARATION AND ASSIGNMENT

MIDDLE BREAKER FOR A TILLAGE IMPLEMENT

Application Number:	***************************************	Filing Date:	·

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

[Signature page to follow]

Declaration and Assignment Attorney Docket No. P26488-US-PRI Page 2 of 4

		at:		
awn J. Becker		Date	City	Si
The signature of the above inventor is witne	ssed by	y two non-inventors or nota	rized as set forth t	elow:
Witness printed name	,	Witness signature		Date
Witness printed name	······	Witness signature	············	Date
State ofCounty of		N. C. D. ET		
	}	Notary Public		
Sworn to before me this day of, 2018.		SEAL:		
D. H.		3 May 20/8 _{at}	Ankens	·
vid L. Steinlage		Date	City	
The signature of the above inventor is witner	ssed by	v two non-inventors or nota	rized as set forth b	elow:
Toron Delader	Z	hen Mes-	3/	May 18
Tesemy Netzger Witness printed name		Witness signature		May 18 Date
DAVID PATINE		Varil Payre	31	MAY ()
Witness printed name		Witness signature		Date
State of)	\$ 100 B		
County of)	Notary Public		
Sworn to before me this day of, 2018.		SEAL:		

Mark D. Beeck	June 1 2018 at	An Keny TA
The signature of the above inventor is witnesse	d by two non-inventors or notari	zed as set forth below:
GREE BUSE Witness printed name	Witness signature	6-1-2018 Date
Brian J. McEscy L. Witness printed name	Witness signature	6/1/2c18 Date
State of County of day of 2018.) Notary Public SEAL:	
Mila Palue. Andrew J. Peterson	31 May 18 at 1	łnkeny <u>IA</u> City State
The signature of the above inventor is witnesse	d by two non-inventors or notari	zed as set forth below:
	Winless signature	31 May 18 Date
DAVID PAYME Witness printed name	Naul Pays Witness signature	31 mm 18 Date
State of) ————————————————————————————————————	

Declaration and Assignment Internet Docket No. P26488-US-PRI lags of 4 Ohn V. Gisler The signature of the above inventor is witne	5/3///8 at _/	3.50
Secony Net 2 gov Witness printed name (Naul Paya) Daviv Prim Witness printed name	Winess signature	
State ofCounty of	Notary Public	
Sworn to before me this day of, 2018.	SEAL:	
of, 2018. Narayanan E. Esakkimuthu	at	
of, 2018.	at	
of, 2018. Narayanan E. Esakkimuthu The signature of the above inventor is witne	at Date essed by two non-inventors or notariz	ed as set forth below:

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MIDDLE BREAKER FOR A TILLAGE IMPLEMENT

Application Number:	Filing Date:	

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

[Signature page to follow]

hawn J. Becker	Date	City	State
The signature of the above inventor is witness	sed by two non-inventors or notariz	zed as set forth below:	
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	
State ofCounty of)) Notary Public		
Sworn to before me this day of, 2018.	SEAL:		
	at		
avid L. Steinlage	at Date	City ,	Stat
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avid L. Steinlage The signature of the above inventor is witness	sed by two non-inventors or notariz	zed as set forth below:	Stat
The signature of the above inventor is witness Witness printed name	sed by two non-inventors or notariz Witness signature	Date	State

Mark D. Beeck	at Date	City,	State
The signature of the above inventor is witness			State
Witness printed name	Witness signature	Date	
Witness printed name	Witness signature	Date	
State ofCounty of)) Notary Public		
Sworn to before me this day of, 2018.	SEAL:		
	at		
Andrew J. Peterson	Date	City	State
The signature of the above inventor is witness. Witness printed name	sed by two non-inventors or nota: Witness signature	Date	
Witness printed name	Witness signature		
State ofCounty of)) Notary Public		
Sworn to before me this day of, 2018.	SEAL:		

Declaration and Assignment Attorney Docket No. P26488-US-PRI Page 4 of 4				
John W. Gister	Date at	City	State	
The signature of the above inventor is witnessed	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	Notary Public SEAL:			
a description of the second	04Jone 2018 Date	Rine	Maharash)	Y** ,
Narayanan E. Esakkimuthu	Date	City	State 18	rdia
The signature of the above inventor is witnessed	by two non-inventors or notari	zed as set forth below:		
Meshing Todan Williams printed name	Meghan		04/06/2018 Bate 04/06/2018	
Western Lamar Mayya		04/c	6/2018	
Witness printed name	Witness signature	Date		
State of)				
County of	Notary Public SEAL:			
Sworn to before me this day of 2018.	SERIA			

PATENT

REEL: 046383 FRAME: 0949