506756284 07/08/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SOLOMON J. SAWLAW	06/29/2021
RYAN C. BURNLEY	06/30/2021
RAY M. SCHEUFLER	06/29/2021
CURTIS A. MAEDER	06/30/2021
SEAN A. MAHRT	06/29/2021

RECEIVING PARTY DATA

Name:	DEER & COMPANY	
Street Address: ONE JOHN DEERE PLACE		
City: MOLINE		
State/Country:	ILLINOIS	
Postal Code:	61265	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17364092

CORRESPONDENCE DATA

Fax Number: (650)938-5200

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: 6509888500

Email: Igriffith@fenwick.com

Correspondent Name: SAAD HASSAN

Address Line 1: FENWICK & WEST LLP Address Line 2: **801 CALIFORNIA STREET**

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER: 37542-48035/US SAAD HASSAN, REG. 70223 NAME OF SUBMITTER: /Saad Hassan/ **SIGNATURE: DATE SIGNED:** 07/08/2021 This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 056794 FRAME: 0863

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Total Attachments: 2

source=48035 US Fully Executed Combined Declaration and Assignment#page1.tif source=48035 US Fully Executed Combined Declaration and Assignment#page2.tif

PATENT REEL: 056794 FRAME: 0864

COMBINED DECLARATION AND ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Deere & Company**, a Delaware corporation, having a place of business at **One John Deere Place**, **Moline**, **IL 61265** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional or non-provisional application(s), including those filed under 35 U.S.C. § 111, design applications filed under 35 U.S.C. § 171, Registered Community Designs, international applications filed according to the Patent Cooperation Treaty (PCT), U.S. national phase applications filed under 35 U.S.C. § 371, national or regional applications filed in any other country throughout the world, and any patents issuing thereon ("PATENT RIGHTS"):
 - U.S. Application No. 17/364,092 , entitled **Predictive Technique for Dispensing Product from Tractor Tool**, filed on June 30, 2021 .
- 2. The entire worldwide right, title, and interest in and to:
 (a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

1 of 2

Title:	Predictive Technique for Dispensing Pro	oduct from Tractor Tool	The second secon
Filed:	June 30, 2021	Attorney Docket #:	37542-48035/US
Application #:	17/364,092	Client Ref#:	P31954-US-PRI

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

DECLARATION

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges 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.

Date:	6/29/2021	, Solomon I Sawlaw	/
	(Required)	Solomon J. Sawlaw	,
Date:	6/30/2021	, pg-c poly	/
-	(Required)	Ryan C Burnley	
Date:	6/29/2021	, Schenfler Ray M	/
<i>_</i>	(Required)	Ray M. Scheufler	
Date: .	6/30/2021	Maeder Curtis d	/
	(Required)	Curtis A. Maeder	,
Date:	6/29/2021	Malirt Sean	
	(Required)	Sean A. Mahrt	