

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4189867

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HERMAN HERMAN	12/07/2016
JOSE GONZALEZ-MORA	12/07/2016
MATT LEVINE	12/07/2016
JEAN-PHILIPPE TARDIF	12/05/2016
RECEIVING PARTY DATA	
Name:	CARNEGIE MELLON UNIVERSITY
Street Address:	4615 FORBES AVENUE
Internal Address:	SUITE 302
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15213
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	15339919
Application Number:	15065125
Application Number:	14243323
Application Number:	61807376
CORRESPONDENCE DATA	
Fax Number:	(412)456-2864
<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:	4124562817
Email:	mgm@muslaw.com
Correspondent Name:	MICHAEL G. MONYOK
Address Line 1:	535 SMITHFIELD STREET
Address Line 2:	SUITE 1300
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	279430.209_NP
NAME OF SUBMITTER:	MICHAEL G. MONYOK
SIGNATURE:	/Michael G. Monyok/

PATENT

DATE SIGNED:	12/19/2016
Total Attachments: 6 source=CMU209_Assignment#page1.tif source=CMU209_Assignment#page2.tif source=CMU209_Assignment#page3.tif source=CMU209_Assignment#page4.tif source=CMU209_Assignment#page5.tif source=CMU209_Assignment#page6.tif	

ASSIGNMENT AND ACKNOWLEDGEMENT OF ASSIGNMENT

The below named inventors have invented the subject matter ("Invention") set forth in the following applications for a U.S. patent for a:

CONTROL ARRANGEMENT AND METHOD FOR CONTROLLING A POSITION OF A TRANSFER DEVICE OF A HARVESTING MACHINE

for which U.S. Nonprovisional Application No. 15/339,919 was filed on October 31, 2016, which is a continuation-in-part of U.S. Application No. 15/065,125, filed March 9, 2016, which is a divisional of U.S. Application No. 14/243,323, filed April 2, 2014 (now U.S. Patent No. 9,313,951), which claims priority to U.S. Provisional Application Serial No. 61/807,376, filed April 2, 2013 (each application herein collectively referred to as the "Application").

Certain inventors of the above referenced Invention and Application, Zachary T. Bonefas and Alex NyKamp, ("Deere-affiliated Inventors", collectively and separately) were or are employed by Deere & Company and are obligated, by operation of law or contract, to assign all of their title, right and interest in the Invention and Application to Deere & Company. For good and valuable consideration, the receipt of which is acknowledged, the Deere-affiliated inventors agree to assign, and hereby do assign to Deere & Company ("First Assignee") all their entire right, title and interest which each said inventor has or had to the Invention and the Application.

Other certain inventors of the above referenced Invention and Application, Herman Herman, Jose Gonzalez-Mora, Jean-Philippe Tardif and Matt Levine, ("CMU-affiliated Inventors", collectively and separately) were or are employed by Carnegie Mellon University and are obligated, by operation of law or contract, to assign all of their title, right and interest in the Invention and Application to Carnegie Mellon University. For good and valuable consideration, the receipt of which is acknowledged, the CMU-affiliated inventors agree to assign, and hereby does assign to Carnegie Mellon University ("Second Assignee") all their entire right, title and interest which each said inventor has or had to the Invention and the Application.

Under a separate Development Agreement between Deere & Company and Carnegie Mellon University, dated January 1, 2008, ("Development Agreement"), Deere & Company and Carnegie Mellon University agree that the above Invention and Application shall be jointly owned as Joint Intellectual Property under the Development Agreement because the contents of the Application relate to the Development Agreement. Any U.S., foreign or other applications or patents that claim priority based on the above Invention and Application, shall be jointly owned as Joint Intellectual Property under the Development Agreement to the extent that the claims of such applications or patents have patentable contributions from both the Deere-affiliated Inventors and the CMU-affiliated inventor(s). However, if the claims of any U.S., foreign or other applications or patents do not include patentable contributions from both the Deere-affiliated Inventors and CMU-affiliated inventor(s), the above

Deere-affiliated Inventors authorize Deere & Company to claim priority based on the above application and to file any U.S., foreign, or other applications that claim priority based on the above Invention or Application; the above Carnegie-Mellon affiliated Inventors authorize Carnegie Mellon University to claim priority based on the above application and to file any U.S., foreign or other applications that claim priority based on the above Invention or Application. To the full extent applicable, each such U.S. application that claims priority based on the above Invention or Application shall reference the Development Agreement as a joint research agreement that was in effect on or before the claimed invention was made, that the claimed invention was made as a result of activities undertaken within the scope of the joint research agreement, and that the application for patent for the claimed invention discloses or is amended to disclose the names of the parties, Deere & Company and Carnegie Mellon University, to the joint research agreement, consistent with 35 U.S.C. §103(c), or its equivalent replacement.

Consistent with the foregoing, for any jointly owned patent rights that are assigned under this Agreement, the assigned rights to the assignee(s) include all rights to file U.S. and foreign patent applications for the Invention described in the name of each inventor or in the names of the above First Assignee and Second Assignee, collectively, as well as any right of priority to any letters patent of the United States or any other country that may be granted for the Invention, and any continuations, divisions, reissues, reexaminations, or extensions thereof, or any applications or other applications that claim priority based on the above Invention or Application. These assigned rights are to be held and enjoyed by the First Assignee and Second Assignee, collectively, and the successors or assigns of any of the First Assignee, the Second Assignee, or both. Similarly, if the claims of any U.S., foreign or other applications or patents do not include patentable contributions from both the Deere-affiliated Inventors and CMU-affiliated inventor(s), the above Deere-affiliated Inventors authorize Deere & Company to file any U.S., foreign, or other applications, and any continuations, divisions, extensions, reissues, reexaminations or extensions thereof; the above Carnegie-Mellon affiliated Inventors authorize Carnegie Mellon University to claim priority based on the above application and to file any U.S., foreign, or other applications, and any continuations, divisions, extensions, reissues, reexaminations or extensions thereof.

Each inventor and each assignee agrees to execute all papers which the authorized assignee(s) hereunder, its or their successors or assigns deem expedient in connection with the Application and any continuing, divisional, reissue, reexamination or foreign applications concerning the Invention, and to cooperate with the other assignee, its successors or assigns in every proper way possible to obtain patent(s) based on the Application and any continuing, divisional, reissue, reexamination or foreign applications concerning the Invention.

Each inventor and each assignee hereby authorize and assent to the Commissioner of Patents and Trademarks to issue any patent based on the above assigned rights.

In witness whereof, each inventor signed below:

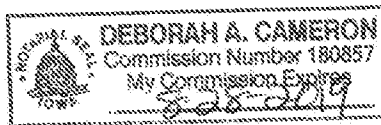
Inventor Signatures for Assignment and Acknowledgement of Assignment:

Zachary T. Bonelas Date signed: 12/2/16 at Urbandale
City

State of Iowa
County of Polk

Sworn to before me this 2 day of December, 2016.

SEAL



Deborah A. Cameron
Notary Public

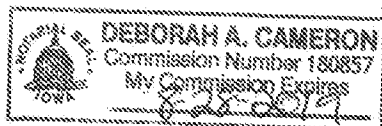
Inventor Signatures for Assignment and Acknowledgement of Assignment:

Alex Nykamp Date signed: 12/2/16 at Urbandale
City

State of Iowa
County of Polk

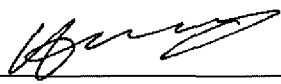
Sworn to before me this 2 day of December, 2016.

SEAL



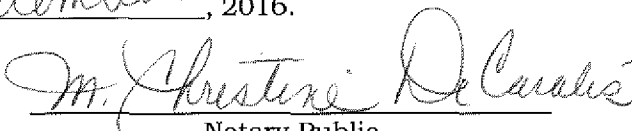
Deborah A. Cameron
Notary Public

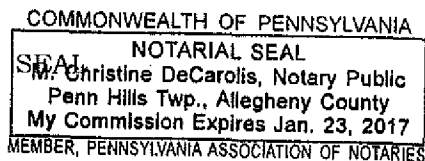
Inventor Signatures for Assignment and Acknowledgement of Assignment:

 Date signed: 12/07/16 at PITTSBURGH
Herman Herman City


State of PA
County of ALLEGHENY

Sworn to before me this 7 day of December, 2016.


Notary Public

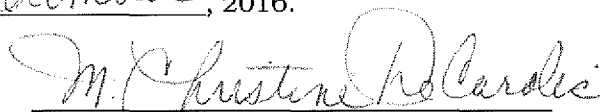


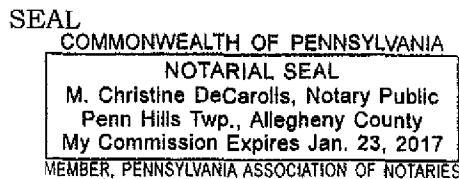
Inventor Signatures for Assignment and Acknowledgement of Assignment:

 Date signed: 12/07/16 at PITTSBURGH
Jose Gonzalez-Mora City

State of Pennsylvania
County of Allegheny

Sworn to before me this 7 day of December, 2016.


Notary Public



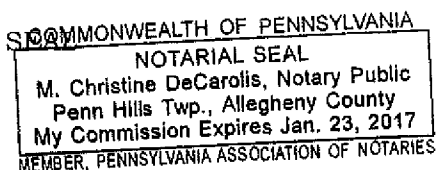
Inventor Signatures for Assignment and Acknowledgement of Assignment:

[Signature] Date signed: 12/07/16 at Pittsburgh.
 Matt Levine City

State of Pennsylvania
 County of Allegheny

Sworn to before me this 7 day of December, 2016.

[Signature: M. Christine DeCarolis]
 Notary Public



Inventor Signatures for Assignment and Acknowledgement of Assignment:

_____ Date signed: _____ at _____.
 Jean-Philippe Tardif City

State of _____
 County of _____

Sworn to before me this _____ day of _____, 2016.

 Notary Public

SEAL

Inventor Signatures for Assignment and Acknowledgement of Assignment:

_____ Date signed: _____ at _____
 Matt Levine _____ City _____

State of _____

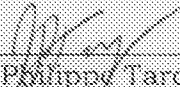
County of _____

Sworn to before me this _____ day of _____, 2016.

 Notary Public

SEAL

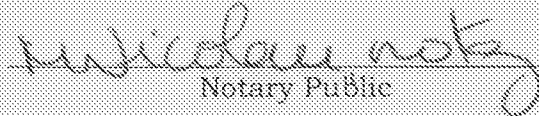
Inventor Signatures for Assignment and Acknowledgement of Assignment:

 _____ Date signed: 12/05/2016 at Montreal
 Jean-Philippe Tardif _____ City _____

State of Quebec _____

County of Canada _____

Sworn to before me this 5 day of December, 2016.

 _____
 Notary Public

SEAL

