

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7039484

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JONATHAN SPENDLOVE	11/22/2021
JOHN M. HAGEMAN	11/20/2021
ZIMIN VILAR	11/15/2021
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<b>Street Address:</b>	ONE JOHN DEERE PLACE
<b>City:</b>	MOLINE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61265
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17532727
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(615)242-2221
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<b>ATTORNEY DOCKET NUMBER:</b>	P32483-US-ORD (023679A-US)
<b>NAME OF SUBMITTER:</b>	LUCIAN WAYNE BEAVERS
<b>SIGNATURE:</b>	/Lucian Wayne Beavers, Reg. No. 28,183/
<b>DATE SIGNED:</b>	11/23/2021
<b>Total Attachments: 1</b>	
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### DECLARATION AND ASSIGNMENT

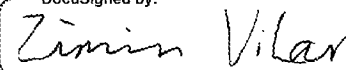
Application: **SYSTEM AND METHOD FOR REAL-TIME MATERIAL CARRYBACK DEDUCTION IN LOADING AND DUMPING WORK CYCLES** Docket: **P32483-US-ORD (023679A-US-ORD)**

Each undersigned named inventor to the above application declares and agrees to the following by signing below:

- 1. **DECLARATION.** 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, and (3) I hereby 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 years, or both.
- 2. **ASSIGNMENT.** I confirm any prior assignments (whether written, by operation or law, or otherwise) of my interests in the application and inventions therein (the "IP") to Deere & Company, and hereby assign all my remaining interests in the IP to Deere & Company (including all enforcement rights and remedies for past and future infringements and all rights of priority to apply for and receive patents and registrations worldwide in the name of Deere & Company). I attest that I have not assigned any interests in the IP to any other party.
- 3. **GENERAL.** I acknowledge that (1) this document supplements, and does not supersede, any agreements I may have with Deere & Company or its subsidiaries relating to the application and inventions therein, (2) I reviewed and understand the contents of the application, including the claims, and (3) I am aware of the duty (as defined in 37 CFR § 1.56) to disclose all information I know to be material to patentability.

DocuSigned by:  
  
 83E562D245D3464...  
 Name: Jonathan Spendlove  
 Signed: 2021-11-22 | 11:41 CST

DocuSigned by:  
  
 4AA6C8837A3C435...  
 Name: John M. Hageman  
 Signed: 2021-11-20 | 04:39 PST

DocuSigned by:  
  
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 Name: Zimin Vilar  
 Signed: 2021-11-15 | 15:07 CST

Each undersigned company confirms any prior assignments (whether written, by operation of law, or otherwise) of its interests in the IP to Deere & Company, and hereby assigns all its remaining interests in the IP to Deere & Company (including enforcement rights for past and future infringements and rights of priority to acquire patents and registrations worldwide in the name of Deere & Company). Each undersigned company states that it has not assigned any interests in the IP to any other party. Each undersigned company acknowledges that this document supplements, and does not supersede, any agreements it may have with Deere & Company or its subsidiaries relating to the IP.