#### 10/21/2019 505733008

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5779821

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| TRAVIS J. DAVIS    | 09/01/2017     |
| JOSHUA T. LAWSON   | 08/31/2017     |
| CURTIS A. MAEDER   | 08/31/2017     |
| JESSE D. HAECKER   | 08/30/2017     |
| RICHARD J. CONNELL | 09/01/2017     |
| SHAYNE C. RICH     | 09/01/2017     |
| ANTHONY E. EGGERS  | 09/15/2017     |
| CURTIS D. CARLSON  | 09/01/2017     |

### **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: | 15693336 |

### **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.

globalipservicesmoli@johndeere.com Email:

**DEERE & COMPANY Correspondent Name:** Address Line 1: ONE JOHN DEERE PLACE

Address Line 4: MOLINE, ILLINOIS 61265

| ATTORNEY DOCKET NUMBER: | P25796-US-2ORD1F         |
|-------------------------|--------------------------|
| NAME OF SUBMITTER:      | DARIN E. BARTHOLOMEW     |
| SIGNATURE:              | /DarinEBartholomew36444/ |
| DATE SIGNED:            | 10/21/2019               |

This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 30**

source=20191018 P25796 US 2ORD1F Declaration and Assignment#page1.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page2.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page3.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page4.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page5.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page6.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page7.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page8.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page9.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page10.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page11.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page12.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page13.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page14.tif source=20191018 P25796 US\_2ORD1F\_Declaration\_and\_Assignment#page15.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page16.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page17.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page18.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page19.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page20.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page21.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page22.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page23.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page24.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page25.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page26.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page27.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page28.tif source=20191018\_P25796\_US\_2ORD1F\_Declaration\_and\_Assignment#page29.tif source=20191018 P25796 US 2ORD1F Declaration and Assignment#page30.tif

#### ADJUSTABLE ROW UNIT AND VEHICLE WITH ADJUSTABLE ROW UNIT

which claims priority based on application number 62/465,060 , filed February 28, 2017 and which claims priority based on application number 62/544,310 , filed August 11, 2017

### 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, l, 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.

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]

Declaration and Assignment Attorney Docket No. P25796-2ORD1F Page 2 of 5

| avis J. Davis   | Sept 1,2017 at 1   | City Sta                                     |
|---|--|--|
| The signature of the above inventor is witness                  | ed by two non-inventors or notariz   | red as set forth below:                      |
| Witness printed name  | Witness signature  | Date   |
| Witness printed name  | Witness signature  | Date   |
| State of  | Notary Public SEAL  DEBORAH  OWN  My Commission  My | A. CAMERON<br>Number 180857<br>ssion Expires |
| shua T. Lawson  The signature of the above inventor is witness: | atatatbate.ed by two non-inventors or notariz  | City St                                      |
| Witness printed name  | Witness signature  | Date   |
| Witness printed name  | Witness signature  | Date   |
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Declaration and Assignment Attorney Docket No. P25796-2QRD1F Page 3 of 5.

| is A. Maeder  | Date  | City                          | Sta |
|---|---|-------------------------------|-----|
| The signature of the above inventor is witnesse                                     | ed by two non-inventors or notari                   | zed as set forth below:       |     |
| Witness printed name  | Witness signature                                   | Date                          |     |
| Witness printed name  | Witness signature                                   | Date                          |     |
| State of  | _)  |                               |     |
| Sworn to before me this day of, 2017.   | SEAL:   |                               |     |
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| e D. Haecker  | at  | City                          | Sta |
| e D. Haecker  |   | 7                             | Sta |
| e D. Haecker<br>The signature of the above inventor is witness                      | ed by two non-inventors or notari                   | zed as set forth below:       | Sta |
| e D. Haecker  The signature of the above inventor is witness:  Witness printed name | ed by two non-inventors or notari Witness signature | zed as set forth below:  Date | Sta |

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| hard J. Connell   | atat                                | City                          | Sta |
|---|-------------------------------------|-------------------------------|-----|
| 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 of  | )                                   |                               |     |
| Sworn to before me this day of, 2017.                               | SEAL:                               |                               |     |
|   |                                     |                               |     |
|   | at                                  |                               |     |
| yne C. Rich   | at<br>Date                          | City                          |     |
| yne C. Rich  The signature of the above inventor is witnes          |                                     |                               |     |
|   |                                     |                               |     |
|   | sed by two non-inventors or notari  | zed as set forth below:       | S   |
| The signature of the above inventor is witnes  Witness printed name | sed by two non-inventors or notari  | zed as set forth below:  Date | S   |

| thony E. Eggers  | Date  | City                            | Stat         |
|--|---|---------------------------------|--------------|
| The signature of the above inventor is witnes  | ssed by two non-inventors or notal  | ized as set forth below:        |              |
| Witness printed name   | Witness signature   | Date                            |              |
| Witness printed name   | Witness signature   | Date                            |              |
| State of   | )   |                                 | <del>;</del> |
| Sworn to before me this day of, 2017.  | SEAL:   |                                 |              |
|  |   |                                 |              |
|  |   |                                 |              |
| rtis D. Carlson  | at<br>Date  | City                            | Sta          |
| rtis D. Carlson  The signature of the above inventor is witnes  Witness printed name | Date  | •                               | Sta          |
| The signature of the above inventor is witnes  | Date ssed by two non-inventors or notar                                     | rized as set forth below:       | Sta          |
| The signature of the above inventor is witness  Witness printed name                 | Date ssed by two non-inventors or notar Witness signature Witness signature | rized as set forth below:  Date | Sta          |

#### ADJUSTABLE ROW UNIT AND VEHICLE WITH ADJUSTABLE ROW UNIT

| which claims pri | ority based on application nun  | nber 62/465,060  | , filed February 28, 2017 |
|------------------|---------------------------------|------------------|---------------------------|
| and which claims | priority based on application n | umber 62/544,310 | , filed August 11, 2017   |

### DECLARATION

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#### 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.

l 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.

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

[Signature page to follow]

|  | atat                            |                             |
|--|---------------------------------|-----------------------------|
| ravis J. Davis                                 | Date                            | City State                  |
| The signature of the above inventor is witness | sed by two non-inventors or not | arized as set forth below:  |
| Witness printed name                           | Witness signature               | Date.                       |
| Witness printed name                           | Witness signature               | Date                        |
| State of                                       | )                               |                             |
| Sworn to before me this day of, 2017.          | SEÅL;                           |                             |
| shught, Lawson                                 | 4-31-11 at Date                 | Woodbary, M.                |
| The signature of the above inventor is witnes  | sed by two non-inventors or no  | tarized as set forth below: |
| Laura Lawson<br>Witness printed name           | Witness signature               | Son 8/31/17 Date            |
| Parenda Bonney Witness printed name            | Witness signature               | neg 8/31/17                 |
| State ofCounty of                              | )<br>) Notary Public            |                             |
| Sworn to before me this day of ,2017.          | SEAL:                           |                             |

Declaration and Assignment Attorney Docket No. P25796-2ORD1F Page 3 of 5

| ırtis A. Maeder  | at<br>Date   | City                               | Stat        |
|--|--|------------------------------------|-------------|
|  |  |                                    | Stat        |
| The signature of the above inventor is with                | nessed by two non-inventors or notar   | ized as set forth below:           |             |
| Witness printed name                                       | Witness signature  | Date                               |             |
| Witness printed name                                       | Witness signature  | Date                               | <del></del> |
| State of   | )  |                                    |             |
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| se D. Haecker  The signature of the above inventor is witn | Date   | City                               | Star        |
| ·  | Date   | City                               | Sta:        |
| The signature of the above inventor is with                | Date nessed by two non-inventors or notar  | City<br>ized as set forth below:   | Sta         |
| Witness printed name  Witness printed name                 | Date  nessed by two non-inventors or notar  Witness signature  Witness signature | City ized as set forth below: Date | Sta         |
| Witness printed name  Witness printed name                 | Date  nessed by two non-inventors or notar  Witness signature  Witness signature | City ized as set forth below: Date | Sta         |

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|   | at  |                           |               |
|---|---|---------------------------|---------------|
| lichard J. Connell  | Date  | City                      | State         |
| The signature of the above inventor is witnes                       | sed by two non-inventors or nota                    | rized as set forth below: |               |
| Witness printed name  | Witness signature                                   | Date                      | <del></del> - |
| Witness printed name  | Witness signature                                   | Date                      |               |
| State ofCounty of   | )<br>) Notary Public                                |                           | <del></del>   |
| Sworn to before me this day of, 2017.                               | SEAL:   |                           |               |
|   | ät  |                           |               |
| hayne C, Rìch   | Date  | City                      | State         |
| The signature of the above inventor is witnes  Witness printed name | sed by two non-inventors or nota  Witness signature | rized as sef forth below: | <del></del>   |
| Witness printed name  | Witness signature                                   | Dáte.                     | <del></del>   |
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| Sworn to before me this day of, 2017.                               | SEAL  |                           |               |

and a second

| hony E. Eggers   | Date   | City                          | Stat            |
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| The signature of the above inventor is witne                                       | essed by two non-inventors or notaria  | 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, 2017.  | SEAL;  |                               |                 |
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|  | at   |                               |                 |
| rtis D. Carlson  | at<br>Date   | City ,                        | Sta             |
| tis D. Carlson  The signature of the above inventor is witne  Witness printed name | Date   |                               | Sta             |
| The signature of the above inventor is witne                                       | Date essed by two non-inventors or notari  | zed as set forth below:       | Sta             |
| The signature of the above inventor is witned witness printed name                 | Date essed by two non-inventors or notari:  Witness signature  Witness signature | zed as set forth below:  Date | Sta             |

### ADJUSTABLE ROW UNIT AND VEHICLE WITH ADJUSTABLE ROW UNIT

| which claims priority based on application number 62/465,060     | , filed <u>February 28, 2017</u> |
|--|----------------------------------|
| and which claims priority based on application number 62/544,310 | filed August 11, 2017            |

#### DECLARATION

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#### ASSIGNMENT

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

[Signature page to follow]

|  | at  | ·                               |    |
|--|---|---------------------------------|----|
| avis J. Davis  | Date.   | City                            | St |
| The signature of the above inventor is witness                                       | ed by two non-inventors or nota   | rized as set forth below:       |    |
| Witness printed name   | Witness signature   | Date                            |    |
| Witness printed name   | Witness signature   | Date                            |    |
| State of   | )<br>_) Notary Public   |                                 |    |
| Sworn to before me this day of, 2017.  | SEAL:   |                                 |    |
|  |   |                                 |    |
|  | at _  | ,                               |    |
|  | at _<br>Date  | City                            |    |
| shua T. Lawson<br>The signature of the above inventor is witness                     | Date<br>sed by two non-inventors or not                                   | arized as set forth below:      | 5  |
| shuà T. Lawson   | Date  | •                               | S  |
| shua T. Lawson<br>The signature of the above inventor is witness                     | Date<br>sed by two non-inventors or not                                   | arized as set forth below:      | Ş  |
| shua T. Lawson  The signature of the above inventor is witness  Witness printed name | Date sed by two non-inventors or note Witness signature Witness signature | arized as set forth below: Date | S  |

Declaration and Assignment Attorney Docket No. P25796-20RD1F Page 2 of 5

| with a form  | 8-31-17 at U                               | chandale, I   |
|--|--|---|
| ds A. Maeder   | Date                                       | City St   |
| The signature of the above inventor is with                                      | essed by two non-inventors or notarize     | ed as set forth below;                                |
| Witness printed name   | Witness signature                          | Date  |
| Witness printed name   | Witness signature                          | Date  |
| State of TOWA  | _ Obernaha(                                | ameron  |
| County of HOLK   | Notary Public                              | <b>S</b> .  |
| 2 MOUL to before the mis day   | SEAL:                                      |   |
| Sworn to before me this 315t day of 1005 2017.                                   | (≥ £000) > Commiss                         | AH A. CAMEHON<br>ibn Number 180857<br>mission Expires |
|  | Av Correction at                           | ibn Number 180857<br>maission Expires                 |
|  | at   | ibn Number 180857<br>profession Expires<br>City Si    |
| se D. Haecker  | at   | ibn Number 180857<br>profession Expires<br>City Si    |
| se D. Haecker  The signature of the above inventor is with                       | Date essed by two non-inventors or notariz | City Si   |
| se D. Haecker  The signature of the above inventor is with  Witness printed name | Date  Witness signature                    | City Sied as set forth below:                         |

Declaration and Assignment Attorney Docket No. P25796-2ORD1F Page 4 675

|  |          | at  |                        |             |
|--|----------|---|------------------------|-------------|
| ichard J. Connell  |          | Date  | City                   | State       |
| The signature of the above inventor is witne   | essed by | y two non-inventors or notariz  | ed as set forth below; |             |
| Witness printed name   |          | Witness signature   | Date                   | <del></del> |
| Witness printed name   |          | Witness signature   | Date                   |             |
| State of   |          | Notary Public   |                        |             |
| Sworn to before me this day of, 2017.  | )        | SEAL:   |                        |             |
|  |          |   |                        |             |
|  |          | at  |                        |             |
| hayne C. Rich  |          | at<br>Date  | City                   | State       |
| The signature of the above inventor is without the signature of the si | essed b  | Date  | · •                    | State       |
| The signature of the above inventor is witne   | essed b  | Date y two non-inventors or notariz                                     | ed as set forth below: | Stat        |
| Witness printed name   |          | Date y two non-inventors or notariz Witness signature Witness signature | ed as set forth below: | State       |

|   | át                               |                          |             |
|---|----------------------------------|--------------------------|-------------|
| Anthony E. Eggers   | Date                             | City                     | State       |
| The signature of the above inventor is witness                    | ed by two non-inventors or notar | ized as set forth below: |             |
| Witness printed name  | Witness signature                | Date                     | <del></del> |
| Witness printed name  | Witness signature                | Date                     | <del></del> |
| State of  | _)                               |                          |             |
| Sworn to before me this day of, 2017.                             | SEAL:                            |                          |             |
|   | at                               | ,                        | State       |
| Curtis D. Carlson  The signature of the above inventor is witness |                                  |                          | Birré       |
| <del>-</del>  |                                  |                          |             |
| Witness printed name  | Witness signature                | Date                     |             |
| Witness printed name  | Witness signature                | Date                     | <del></del> |
| State of  | )<br>) Notary Public             |                          | ······      |
| Sworn to before me this day of, 2017,                             | SEAL:                            |                          |             |

#### ADJUSTABLE ROW UNIT AND VEHICLE WITH ADJUSTABLE ROW UNIT

which claims priority based on application number 62/465,060 filed February 28, 2017 and which claims priority based on application number 62/544,310 , filed August 11, 2017

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- (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 Decre & 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.

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]

| avis J. Davis                                  | Date                                | City                    | State         |
|--|-------------------------------------|-------------------------|---------------|
| The signature of the above inventor is witness | sed by two non-inventors or notari  | zed as set forth below: |               |
| Witness printed name                           | Witness signature                   | Date                    | <b></b> .     |
| Witness printed name                           | Witness signature                   | Date                    |               |
| State of                                       | )                                   |                         | <del></del> . |
| Sworn to before me this day of, 2017.          | SEAL:                               |                         |               |
| shua T. Lawson                                 | at                                  | City                    | Stat          |
| The signature of the above inventor is witness | sed by two non-inventors or notari  | zed as set forth below: |               |
| Witness printed name                           |                                     |                         |               |
|  | Witness signature                   | Date                    | <del></del>   |
| Witness printed name                           | Witness signature Witness signature | Date                    |               |
| Witness printed name  State of County of       | Witness signature                   |                         |               |

|  | at                                     | •                   |
|--|--|---------------------|
| is A. Maeder                                     | Date at                                | City State          |
| The signature of the above inventor is witne     | ssed by two non-inventors or notarized | as set forth below: |
| Witness printed name                             | Witness signature                      | Date                |
| Witness printed name                             | Witness signature                      | Date                |
| State of   | )<br>                                  |                     |
| Sworn to before me this day of, 2017.            | SEAL:                                  |                     |
| D. Haecker                                       | <u> </u>                               | Ko., // City State  |
| The signature of the above inventor is witne     | ssed by two non-inventors or notarized | as set forth below: |
| Witness printed name                             | Witness signature                      | Date                |
| Witness printed name                             | Witness signature                      | Date                |
| State of Jou's County of FOLK                    | Notary Public                          | Viscer              |
| Sworn to before me this 30 day of AVAUST , 2017. | SEAL:                                  |                     |
| ve / Menti-1 , work.                             | Some LINDA L. NISSEN Some 746120       | js<br>S             |

|  | at                                  |                         |               |
|--|-------------------------------------|-------------------------|---------------|
| Richard J. Connell                             | Date                                | City                    | State         |
| The signature of the above inventor is witness | ed by two non-inventors or notariz  | red as set forth below: |               |
| Witness printed name:                          | Witness signature                   | Date                    | <del></del> . |
| Witness printed name                           | Witness signature                   | Date                    | <u></u> .     |
| State of                                       | _)                                  |                         |               |
| Sworn to before me this day of, 2017.          | SEAL:                               |                         |               |
| Shayne C. Rich                                 | atat                                | 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                    | <u></u>       |
| Witness printed name                           | Witness signature                   | Dațe                    |               |
| State of                                       | _) Notary Public                    |                         | <u>.</u>      |
| Sworn to before me this day of, 2017.          | SEAL                                |                         |               |

|  | at                                |                          |             |
|--|-----------------------------------|--------------------------|-------------|
| Anthony E. Eggers                              | Date                              | City                     | State       |
| The signature of the above inventor is witness | ed by two non-inventors or notari | zed as set forth below:  |             |
| Witness printed name                           | Witness signature                 | Date                     |             |
| Witness printed name                           | Witness signature                 | Date                     |             |
| State of                                       | _)                                |                          | <del></del> |
| Sworn to before me this day of, 2017.          | SEAL:                             |                          |             |
| Curtis D. Carlson                              | at                                | City                     | State       |
| The signature of the above inventor is witness | sed by two non-inventors or notar | ized as set forth below: |             |
| Witness printed name                           | Witness signature                 | Date                     |             |
| Witness printed name                           | Witness'signature                 | Date                     | <del></del> |
| State of                                       | )<br>) Notary Public              |                          | <u></u>     |
| Sworn to before me this day of, 2017.          | SEAL:                             |                          |             |

### ADJUSTABLE ROW UNIT AND VEHICLE WITH ADJUSTABLE ROW UNIT

| which claims priority based on application number 62/465,060     | filed February 28, 2017 |
|--|-------------------------|
| and which claims priority based on application number 62/544,310 | filed August 11, 2017   |

### DECLARATION

As a below named inventor, I hereby declare that:

- (I) 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.

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 fallow]

|  | at                                | ق.ن.                     |             |
|--|-----------------------------------|--------------------------|-------------|
| Fravis J. Daviš                                | Date                              | City                     | State       |
| The signature of the above inventor is witness | ed by two non-inventors or notari | zed as set forth below:  |             |
| Witness printed name.                          | Witness. signature                | Date                     |             |
| Witness printed name                           | Witness signature                 | Date                     | <del></del> |
| State of                                       | _)                                |                          | <del></del> |
| Sworn to before me this day of, 2017.          | SEAL:                             |                          |             |
| Joshua T. Lawson                               | at                                | ,<br>City                | State       |
| The signature of the above inventor is witness | sed by two non-inventors or notar | ized as set forth below: |             |
| Witness printed name                           | Witness signature                 | Date                     | <del></del> |
| Witness printed name                           | Witness signature                 | Date                     |             |
| State of                                       | ) Notary Public                   |                          | <del></del> |
| Sworn to before me this day of, 2017.          | SEAL:                             |                          |             |

|  | -af  |                                       |             |
|--|--|---------------------------------------|-------------|
| Curtis A. Maeder   | Date   | City                                  | State       |
| The signature of the above inventor is witnes                        | sed by two non-inventors or notari                   | zed as set forth below:               |             |
| Witness printed name   | Witness signature                                    | Date                                  | <del></del> |
| Witness printed name   | Witness signature                                    | Date:                                 | <del></del> |
| State ofCounty of  | ) Notary Public                                      |                                       |             |
| Sworn to before me this day of, 2017.                                | SEAL:  |                                       |             |
|  | at   | · · · · · · · · · · · · · · · · · · · | -           |
| Jesse D. Haecker   | Date   | City                                  | State       |
| The signature of the above inventor is witness  Witness printed name | sed by two non-inventors or notar  Witness signature | ized as set forth below:  Date        |             |
| Witness printed name   | Witness signature                                    | Date                                  |             |
| State of   | )<br>) Notary Public                                 |                                       |             |
| Sworn to before me this day of, 2017.                                | SEAL:  |                                       |             |

| Richard J. Connell  |   | bandole <u>I</u>                              |
|---|---|---|
| The signature of the above inventor is witnesse                         | ed by two non-inventors or notarized                    | d as set forth below:                         |
| Witness printed name  | Witness signature                                       | Date  |
| Witness printed name  | Witness signature                                       | Date  |
| State of  | Notary Public  SEAL:  SEAL:  DEBORAN                    | A. CAMERON<br>Number 180857                   |
|   | (0#1-   | Son Expires                                   |
| Shayne C. Rich  |   | City State                                    |
| The signature of the above inventor is witnessed.  Witness printed name | ed by two non-inventors or notarized  Witness signature | d as set forth below:  Date                   |
| Witness printed name  | Witness signature                                       | Date  |
| State of TOLON County of POLK   | Notary Public   | Camera  |
| Sworn to before me this $15 \pm 0$ day of $500 \pm 0$ , $2017$ .        |   | A. CAMERON<br>Number 180857<br>Ission Expires |

|   | atat  |   |
|---|---|---|
| Anthony E. Eggers   | Date  | City S  |
| The signature of the above inventor is witnesse                     | ed by two non-inventors or notarized a                        | s set forth below:                                      |
| Witness printed name  | Witness signature   | Date  |
| Witness printed name  | Witness signature   | Date  |
| State of  | _)  |   |
| Sworn to before me this day of, 2017.                               | SEAL:   |   |
|   |   |   |
| Curtis D. Carlson   |   | <u>ديمث ۵ هنو .                                    </u> |
| Curtis D. Carlson  The signature of the above inventor is witnessed | Date  | City S  |
|   | Date  | City S  |
| The signature of the above inventor is witness                      | Date ed by two non-inventors or notarized a                   | City Sus set forth below:                               |
| The signature of the above inventor is witness witness printed name | Date ed by two non-inventors or notarized a Witness signature | City Sus set forth below:  Date                         |

## ADJUSTABLE ROW UNIT AND VEHICLE WITH ADJUSTABLE ROW UNIT

| which claims priority based on application number 62/465,060     | filed February 28, 2017 |
|--|-------------------------|
| and which claims priority based on application number 62/544,310 | filed August 11 2017    |

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

[Signature page to follow]

|  | at                                |                         |             |
|--|-----------------------------------|-------------------------|-------------|
| Travis J. Davis                                | Date                              | City                    | State       |
| The signature of the above inventor is witness | ed by two non-inventors or notari | zed as set forth below: |             |
| Witness printed name                           | Witness signature                 | Date                    |             |
| Witness printed name                           | Witness signature                 | Date                    |             |
| State of                                       | )                                 |                         |             |
| Sworn to before me this day of                 | SEAL:                             |                         |             |
| Joshua T. Lawson                               | at                                | City,                   | State       |
| The signature of the above inventor is witnes  |                                   | •                       |             |
| Witness printed name                           | Witness signature                 | Date                    |             |
| Witness printed name                           | Witness signature                 | Date                    | <del></del> |
| State of                                       | )                                 |                         | <del></del> |
| Sworn to before me this day of, 2017.          | SEAL:                             |                         |             |

|  | at                               |                           |             |
|--|----------------------------------|---------------------------|-------------|
| Curtis A. Maeder                               | Date                             | City                      | State       |
| The signature of the above inventor is witnes  | sed by two non-inventors or nota | rized as set forth below; |             |
| Witness printed name                           | Witness signature                | Date                      | <del></del> |
| Witness printed name                           | Witness signature                | Date:                     |             |
| State of                                       | )                                |                           |             |
| Sworn to before me this day of, 2017.          | SEAL:                            |                           |             |
| Jesse D. Haccker                               | atat                             | <br>City                  | State       |
| The signature of the above inventor is witness |                                  | .•                        |             |
| Witness printed name.                          | Witness signature                | Date                      |             |
| Witness printed name                           | Witness signature                | Date                      | <del></del> |
| State of                                       | )                                |                           | <del></del> |
| Sworn to before me this day of, 2017.          | SEAL;                            |                           |             |

|  | at`                              |                           |             |
|--|----------------------------------|---------------------------|-------------|
| Richard J. Connell                             | Date                             | City                      | State       |
| The signature of the above inventor is witnes  | sed by two non-inventors or nota | rized as set forth below: |             |
| Witness printed name                           | Witness signature                | Date                      |             |
| Witness printed name                           | Witness:signature                | Date                      | <del></del> |
| State of                                       | ) Notary Public                  |                           |             |
| Sworn to before me this day of, 2017.          | SEAL:                            |                           |             |
| Shayne C. Rich                                 | at<br>Date                       | City                      | State       |
| The signature of the above inventor is witness | sed by two non-inventors or nota | rized as set forth below: |             |
| Witness printed name                           | Witness signature                | Date                      | <del></del> |
| Witness printed name                           | Witness signature                | Date                      | <u> </u>    |
| State ofCounty of                              | ) Notary Public                  |                           |             |
| Sworn to before me this day of, 2017.          | SEAL:                            |                           |             |

| nony E Eggers  | 7-15-17 at C                              | City S                           |
|--|---|----------------------------------|
| The signature of the above inventor is with                | essed by two non-inventors or notari      | zed as set forth below:          |
| Witness printed name                                       | Witness signature                         | Date                             |
| Witness printed name                                       | Witness signature                         | Date                             |
| State of TOWA  | _ desoute                                 | 1 Cameron                        |
| County of HOLK  Sworp to before me this 15th day           | ) Notary Public<br>SEAL:                  | ·                                |
| of, 2017.  |   | H A. CAMERON<br>on Number 180857 |
|  | My Gom                                    | mission Expires                  |
|  |   |                                  |
|  | at  |                                  |
|  | Date                                      | City S                           |
| is D. Carlson  The signature of the above inventor is witn | Date                                      | . •                              |
|  | Date                                      | . •                              |
| The signature of the above inventor is with                | Date essed by two non-inventors or notari | zed as set forth below:          |
| Witness printed name                                       | Date essed by two non-inventors or notari | zed as set forth below:  Date    |

**RECORDED: 10/21/2019**