

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5212320

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DOUGLAS GILBERT	10/29/2018
JEFF WESTBROOK	10/29/2018
ALEX HARTOGH	10/29/2018
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	2202 SOUTH RIVERSIDE DRIVE
<b>City:</b>	AMES
<b>State/Country:</b>	IOWA
<b>Postal Code:</b>	50010
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16150516
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(515)243-0654
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<b>Phone:</b>	5152882500
<b>Email:</b>	shelbykosiek@davisbrownlaw.com
<b>Correspondent Name:</b>	DAVIS BROWN LAW FIRM
<b>Address Line 1:</b>	215 10TH STREET
<b>Address Line 2:</b>	SUITE 1300
<b>Address Line 4:</b>	DES MOINES, IOWA 50309
<b>ATTORNEY DOCKET NUMBER:</b>	70400/142374
<b>NAME OF SUBMITTER:</b>	SEAN SOLBERG
<b>SIGNATURE:</b>	/Sean Solberg/
<b>DATE SIGNED:</b>	10/30/2018
<b>Total Attachments: 3</b>	
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ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Ag Leader Technology

a corporation organized under the laws of the state of IA as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Controlled Air Pulse Metering Apparatus For An Agricultural Planter And Related Systems And Methods

described in an application for Letters Patent of the United States, identified as Attorney Docket No. 70400/142374, at Davis, Brown, Koehn, Shors & Roberts, P.C., 215 10th Street, Suite 1300, Des Moines, IA 50309 and filed on 10/3/2018, as Application Serial No. 16/150,516, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefore in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Sean Solberg, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

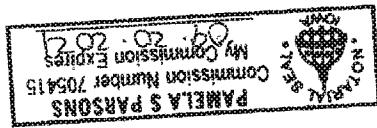
We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

  
Inventor's Signature

10/29/2018  
DATE

Douglas Gilbert  
Inventor's Printed Name



STATE OF )  
) SS  
COUNTY OF )

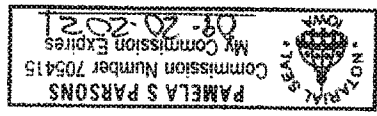
On this 29 day of October, 2018, before me personally came the above named Douglas Gilbert who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

Pamela S Parsons  
NOTARY PUBLIC  
My Commission Expires: 09-20-2021

Jeff Westbrook  
Inventor's Signature

10/29/2018  
DATE

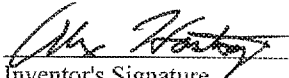
Jeff Westbrook  
Inventor's Printed Name



STATE OF )  
) SS  
COUNTY OF )

On this 29 day of October, 2018, before me personally came the above named Jeff Westbrook who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

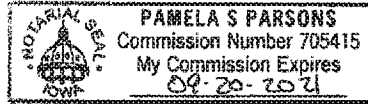
Pamela S Parsons  
NOTARY PUBLIC  
My Commission Expires: 09-20-2021

  
\_\_\_\_\_  
Inventor's Signature

10/29/2018  
\_\_\_\_\_  
DATE

Alex Hartogh  
\_\_\_\_\_  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
  ) SS  
COUNTY OF \_\_\_\_\_ )



On this 29 day of October, 2018, before me personally came the above named Alex Hartogh who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

  
\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: 09-20-2021