PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5728730

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the REMOVE THE RECORDED ASSIGNMENT FROM SERIAL NO. 16455325. THIS ASSIGNMENT SHOULD ONLY BE RECORDED FOR SERIAL NO. 16450821 previously recorded on Reel 050394 Frame 0129. Assignor(s) hereby confirms the REMOVE THE RECORDED ASSIGNMENT FROM SERIAL NO. 16455325. THIS ASSIGNMENT SHOULD ONLY BE RECORDED FOR SERIAL NO. 16450821

CONVEYING PARTY DATA

Name	Execution Date
DAVID PATRICK PERRY	08/19/2019
BARRY LOYD KNIGHT	08/12/2019
ERIC MICHAEL JECK	08/13/2019
RACHEL ARIEL RAYMOND	08/12/2019
NEAL HITESH RAJDEV	08/15/2019
GEOFFREY ALBERT VON MALTZAHN	08/12/2019
ROBERT BERENDES	08/13/2019
NATHAN POST	08/14/2019
JONATHAN HENNEK	08/13/2019
EAN SHAUGHNESSY WAHL MULLINS	08/27/2019

RECEIVING PARTY DATA

Name:	INDIGO AG, INC.
Street Address: 500 RUTHERFORD AVENUE	
City:	BOSTON
State/Country: MASSACHUSETTS	
Postal Code:	02129

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16450821

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: 6503357158

Email: dchevalier@fenwick.com

PATENT REEL: 050450 FRAME: 0716

505681922

Correspondent Name: ANTHONY T. JACOBSON Address Line 1: 801 CALIFORNIA STREET

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER:	30807-43744/US
NAME OF SUBMITTER:	ANTHONY T. JACOBSON
SIGNATURE:	/ANTHONY T. JACOBSON/
DATE SIGNED:	09/19/2019

Total Attachments: 15

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PATENT REEL: 050450 FRAME: 0717 505674692 09/17/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5721499

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID PATRICK PERRY	08/19/2019
BARRY LOYD KNIGHT	08/12/2019
ERIC MICHAEL JECK	08/13/2019
RACHEL ARIEL RAYMOND	08/12/2019
NEAL HITESH RAJDEV	08/15/2019
GEOFFREY ALBERT VON MALTZAHN	08/12/2019
ROBERT BERENDES	08/13/2019
NATHAN POST	08/14/2019
JONATHAN HENNEK	08/13/2019
EAN SHAUGHNESSY WAHL MULLINS	08/27/2019

RECEIVING PARTY DATA

Name:	INDIGO AG, INC.	
Street Address:	dress: 500 RUTHERFORD AVENUE	
Internal Address:	NORTH BUILDING	
City:	BOSTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02129	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16450821
Application Number:	16455325

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: 6503357158

Email:dchevalier@fenwick.comCorrespondent Name:ANTHONY T. JACOBSONAddress Line 1:801 CALIFORNIA STREET

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

PATENT

REEL: 050450 FRAME: 0718

ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State
David Patrick Perry	Memphis, TN
Barry Loyd Knight	Cordova, TN
Eric Michael Jeck	San Mateo, CA
Rachel Ariel Raymond	Memphis, TN
Neal Hitesh Rajdev	Lincoln, MA
Geoffrey Albert von Maltzahn	Boston, MA
Robert Berendes	Riehen, Switzerland
Nathan Post	Cambridge, MA
Jonathan Hennek	Medford, MA
Ean Shaughnessy Wahl Mullins	Brighton, MA

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

SATELLITE-BASED AGRICULTURAL MODELING

	Serial No.: ; Filed:
	is also aware of the following priority applications:
	identified by International Patent Application No. Serial No. filed on Filing Date; and
Sta	ntes Patent and Trademark Office on June 24, 2019; and
\boxtimes	identified by United States Application Serial No. 16/450,821 filed in the United
	prepared for filing in the United States Patent and Trademark Office; or

WHEREAS, Indigo Ag, Inc. (hereinafter "ASSIGNEE"), a Delaware corporation, having a usual place of business at 500 Rutherford Avenue, North Building, Boston, MA, 02129 (referred to as "ASSIGNEE"), desires to acquire or confirm an interest therein:

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and transfer applies to the above-referenced application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue, reexamination, and other

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Title: SATELLITE-BASED AGRICULTURAL MODELING	
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority the International Convention for the Protection

of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communication to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, I hereby request the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

Title: SATELLITE-BASED AGRICULTURAL MODELING	
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

AND, I covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Title: SATELLITE-BASED AGRICULTURAL MODELING		
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US	
Application Serial No.: 16/450,821 Client ref. 10112ORGUS2-B		

Name and Signature	Date of Signature
	August 19, 2019
David Patričk Perry	

Title: SATELLITE-BASED AGRICULTURAL MODEL	ING
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450 821	Client ref_10112ORGUS2-B

Name and Signature	Date of Signature	
4.5/2	8/12/2019	
Barry Loyd Knight		

Title: SATELLITE-BASED AGRICULTURAL MODELING	
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

Name and Signature

Date of Signature

Erie Michael Jeck

Title: SATELLITE-BASED AGRICULTURAL MODELING	
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

7	lame	and	Sigr	nature

Date of Signature

Rachel Ariel Raymond

8/12/19

Title: SATELLITE-BASED AGRICULTURAL MODELING	
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

Name and Signature	Date of Signature	
Neal Hitesh Rajdev	8/15/2019	

Title: SATELLITE-BASED AGRICULTURAL MODELING	
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450.821	Client ref. 10112ORGUS2-B

Name and Signature	Date of Signature	
Jaz-	8/12/19	
Geoffrey Albert von Maltzahn	_	

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Title: SATELLITE-BASED AGRICULTURAL MODEL	ING
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

Name and Signature	Date of Signature
Mr	Aug 13, 2019
Robert Berendes	

Title: SATELLITE-BASED AGRICULTURAL MODELING	
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

Name and Signature	Date of Signature	
Wallungfut Nathan Post	8/14/2019	

Title: SATELLITE-BASED AGRICULTURAL MODELING	
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

Name and Signature	Date of Signature

Jonethan Hennek

8-13-19

Title: SATELLITE-BASED AGRICULTURAL MODELING	
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

Name and Signature	Date of Signature		
9m	08/27/19		
Lan Shaughnessy Wahl Mullins	/ ' '		

Title: SATELLITE-BASED AGRICULTURAL MODELING	van varanta va
Filed: June 24, 2019	Attorney Docket #: 30807-43744/US
Application Serial No.: 16/450,821	Client ref. 10112ORGUS2-B

The undersigned (wh	nose title is supplied below) is auth	norized to act on be	chalf of Indigo Ag ,
Signature:	numi	Date:	9/13/2019
Name (printed): Par	ul T. Dacier		
Title (printed): Sec	cretary	***************************************	