507539461 10/12/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANNA MARGARET HALDEWANG	10/01/2020
DAVID ZUIDERVEEN	10/02/2020
ROBERT JAMES SULLIVAN II	10/02/2020
DAYNA DOUGLAS BEAL	10/01/2020
CONSTANTINE FANOURAKIS	09/30/2022

RECEIVING PARTY DATA

Name:	PLAN APIS LLC	
Street Address:	3779 EAST 1000 NORTH	
City:	SYRACUSE	
State/Country:	INDIANA	
Postal Code:	46567	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	63090457
Application Number:	17498336

CORRESPONDENCE DATA

Fax Number: (574)237-1125

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Address Line 4: SOUTH BEND, INDIANA 46601

ATTORNEY DOCKET NUMBER:	83683-321171.01	
NAME OF SUBMITTER:	MICHELLE LW HORVATH	
SIGNATURE:	/Michelle LW Horvath/	
DATE SIGNED:	10/12/2022	

PATENT 507539461 REEL: 061393 FRAME: 0169

Total Attachments: 5 source=Inventor Assignments#page1.tif source=Inventor Assignments#page2.tif source=Inventor Assignments#page3.tif source=Inventor Assignments#page4.tif source=Inventor Assignments#page5.tif

PATENT REEL: 061393 FRAME: 0170

ASSIGNMENT

(World Wide Patent Rights)

For good and valuable consideration, the sufficiency and receipt of which is bereby acknowledged, I, Anna Margaret Haldewang, hereby sell, assign and transfer to Plan Apis LLC and agree to sell, assign and transfer to Plan Apis LLC, a limited liability company of the State of Indiana, having its principal office at 3779 East 1000 North, Syracuse, Indiana 46567, its successors and assigns or other legal representatives, all right, title and interest in and to the invention entitled

APPARATUSES AND METHODS FOR MANAGING AGRICULTURAL CROPS

invented by me, including, but not limited to, all other embodiments and versions thereof, and all improvements, changes, revisions and modifications thereto (collectively, "the Invention"), and to any United States and foreign patent applications filed for and patents to be obtained for the Invention, including, without limitation, any and all utility and design applications and registrations for the Invention and all applications, continuations, divisionals, continuations-in-part, re-issues, reexaminations, extensions and all other rights in and to the Invention and all U.S. and foreign applications and patents for the Invention and/or claiming priority to or from any of the foregoing, the said interest being the entire ownership of the Invention, said U.S. Letters Patent and any foreign Letters Patent when granted, to be held and enjoyed by said Plan Apis LLC, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby agree to sign and execute any further documents or instruments which may be useful or necessary in the preparation and prosecution of the above-named applications or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue applications or in any amendment, as well as any other papers useful or necessary to procure U.S. and foreign patents on said Invention, and/or to secure recordable title thereto in Plan Apis LLC throughout the world.

Date (Act. 1, 2020

Signature Unas Mary out Halle

Inventor: Anna Margaret Haldewang

Address: 3779 East 1000 North, Syracuse, IN 46567

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Docket No. 83683-321171

ASSIGNMENT

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For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, Benjamin David Zuiderveen, hereby sell, assign and transfer to Plan Apis LLC and agree to sell, assign and transfer to Plan Apis LLC, a limited liability company of the State of Indiana, having its principal office at 3779 East 1000 North, Syracuse, Indiana 46567, its successors and assigns or other legal representatives, all right, title and interest in and to the invention entitled

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invented by me, including, but not limited to, all other embodiments and versions thereof, and all improvements, changes, revisions and modifications thereto (collectively, "the Invention"), and to any United States and foreign patent applications filed for and patents to be obtained for the Invention, including, without limitation, any and all utility and design applications and registrations for the Invention and all applications, continuations, divisionals, continuations-in-part, re-issues, reexaminations, extensions and all other rights in and to the Invention and all U.S. and foreign applications and patents for the Invention and/or claiming priority to or from any of the foregoing, the said interest being the entire ownership of the Invention, said U.S. Letters Patent and any foreign Letters Patent when granted, to be held and enjoyed by said Plan Apis LLC, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby agree to sign and execute any further documents or instruments which may be useful or necessary in the preparation and prosecution of the above-named applications or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue applications or in any amendment, as well as any other papers useful or necessary to procure U.S. and foreign patents on said Invention, and/or to secure recordable title thereto in Plan Apis LLC throughout the world.

Date 10/2/2020 Signature Begur Dand Miller

Inventor: Benjamin David Zuiderveen

Address: 857 Paw Paw Drive, Holland, MI 49423

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Docket No. 83683-321171

ASSIGNMENT

(World Wide Patent Rights)

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, Robert James Sullivan II, hereby sell, assign and transfer to Plan Apis LLC and agree to sell, assign and transfer to Plan Apis LLC, a limited liability company of the State of Indiana, having its principal office at 3779 East 1000 North, Syracuse, Indiana 46567, its successors and assigns or other legal representatives, all right, title and interest in and to the invention entitled

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invented by me, including, but not limited to, all other embodiments and versions thereof, and all improvements, changes, revisions and modifications thereto (collectively, "the Invention"), and to any United States and foreign patent applications filed for and patents to be obtained for the Invention, including, without limitation, any and all utility and design applications and registrations for the Invention and all applications, continuations, divisionals, continuations-in-part, re-issues, reexaminations, extensions and all other rights in and to the Invention and all U.S. and foreign applications and patents for the Invention and/or claiming priority to or from any of the foregoing, the said interest being the entire ownership of the Invention, said U.S. Letters Patent and any foreign Letters Patent when granted, to be held and enjoyed by said Plan Apis LLC, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby agree to sign and execute any further documents or instruments which may be useful or necessary in the preparation and prosecution of the above-named applications or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue applications or in any amendment, as well as any other papers useful or necessary to procure U.S. and foreign patents on said Invention, and/or to secure recordable title thereto in Plan Apis LLC throughout the world.

Date 10/2/2020 Signature Robert & Sullivan A

Inventor: Robert James Sullivan II

Address: 3476 Danube Drive SW, Wyoming, MI 49418

DMS 18257011.1 Page 1 of 1

ASSIGNMENT

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For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, Dayna Douglas Beal, hereby sell, assign and transfer to Plan Apis LLC and agree to sell, assign and transfer to Plan Apis LLC, a limited liability company of the State of Indiana, having its principal office at 3779 East 1000 North, Syracuse, Indiana 46567, its successors and assigns or other legal representatives, all right, title and interest in and to the invention entitled

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invented by me, including, but not limited to, all other embodiments and versions thereof, and all improvements, changes, revisions and modifications thereto (collectively, "the Invention"), and to any United States and foreign patent applications filed for and patents to be obtained for the Invention, including, without limitation, any and all utility and design applications and registrations for the Invention and all applications, continuations, divisionals, continuations-in-part, re-issues, reexaminations, extensions and all other rights in and to the Invention and all U.S. and foreign applications and patents for the Invention and/or claiming priority to or from any of the foregoing, the said interest being the entire ownership of the Invention, said U.S. Letters Patent and any foreign Letters Patent when granted, to be held and enjoyed by said Plan Apis LLC, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby agree to sign and execute any further documents or instruments which may be useful or necessary in the preparation and prosecution of the above-named applications or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue applications or in any amendment, as well as any other papers useful or necessary to procure U.S. and foreign patents on said Invention, and/or to secure recordable title thereto in Plan Apis LLC throughout the world.

Signature Dayna Joufen Bul

Inventor: Dayna Douglas Beal

Address: 129 West 38th Street, Holland, MI 49423

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ASSIGNMENT

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For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, Constantine Fanourakis, hereby sell, assign and transfer to Plan Apis LLC, a limited liability company of the State of Indiana, having its principal office at 3779 East 1000 North, Syracuse, Indiana 46567, and agree to sell, assign and transfer to Plan Apis LLC, its successors and assigns or other legal representatives (individually and collectively, "Plan Apis"), all right, title and interest in and to the invention entitled

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invented by me, including, but not limited to, all other embodiments and versions thereof, and all improvements, changes, revisions and modifications thereto (collectively, "the Invention"), and to any United States and foreign patent applications filed for and patents to be obtained for the Invention, including, without limitation, U.S. Patent Application Nos. 63/090,457 and 17/498,336, any and all utility and design applications and registrations for the Invention and all applications, continuations, divisionals, continuations-in-part, re-issues, reexaminations, extensions and all other rights in and to the Invention and all U.S. and foreign applications and patents for the Invention and/or claiming priority to or from any of the foregoing, the said interest being the entire ownership of the Invention, said U.S. Letters Patent and any foreign Letters Patent when granted, to be held and enjoyed by said Plan Apis, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made. I also hereby assign and agree to assign to Plan Apis the right to sue and collect damages for all past, present and future infringement of any and all of the foregoing.

I hereby agree to sign and execute any further documents or instruments which may be useful or necessary in the preparation and prosecution of the above-named applications or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue applications or in any amendment, as well as any other papers useful or necessary to procure U.S. and foreign patents on said Invention, and/or to secure recordable title thereto in Plan Apis throughout the world.

Date 9/30/2022 Signature Some Gurefu

Inventor: Constantine Fanourakis

Address: 3520 Hidden Cove Lane, Hudsonville, MI 49426

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RECORDED: 10/12/2022