

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

EPAS ID: PAT5449721

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LOCUS SOLUTIONS, LLC	07/18/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LOCUS IP COMPANY, LLC
<b>Street Address:</b>	30500 AURORA ROAD, SUITE 180
<b>City:</b>	OLON
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16331438
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	3523758100
<b>Email:</b>	DRS@SLEPATENTS.COM
<b>Correspondent Name:</b>	DAVID R. SALIWANCHIK
<b>Address Line 1:</b>	P.O. BOX 142950
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<b>ATTORNEY DOCKET NUMBER:</b>	LOC.102XC1
<b>NAME OF SUBMITTER:</b>	DAVID R. SALIWANCHIK
<b>SIGNATURE:</b>	/DAVID R. SALIWANCHIK/
<b>DATE SIGNED:</b>	03/30/2019
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, Locus Solutions, LLC having a place of business at 30500 Aurora Road, Suite 180, Solon, Ohio 44139, US, holds rights in inventions and Patent Applications, by virtue of Assignments from the inventors, for which applications for United States Letters Patent were filed as listed on the attached Schedule A.

WHEREAS, **Locus IP Company, LLC**, having a place of business at **30500 Aurora Road, Suite 180, Solon, Ohio 44139, US**, is desirous of acquiring the entire right, title, and interest in and to said inventions and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of valuable consideration, receipt and sufficiency of which is hereby acknowledged, Locus Solutions, LLC. has sold, assigned, and transferred, and by these presents does sell, assign, and transfer, unto said **Locus IP Company, LLC**, its successors and assigns, the full and exclusive right to the said inventions and said applications, including the right to claim priority, in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patents that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations, and extensions thereof.

Locus Solutions, LLC hereby authorizes and requests the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patents, when granted, to **Locus IP Company, LLC**, as the assignee of the entire right, title, and interest in and to the same, for the sole use and on behalf of said **Locus IP Company, LLC**, its successors and assigns.

FURTHER, Locus Solutions, LLC agrees that it will communicate to said **Locus IP Company, LLC**, or its representatives, any facts known to it respecting said inventions; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said **Locus IP Company, LLC**; make all rightful oaths; and generally do everything possible to aid the said **Locus IP Company, LLC**, its successors and assigns, to obtain and enforce proper protection for said inventions in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I, the undersigned authorized representative of Locus Solutions, LLC, have hereunto set my hand this 18th day of July, 2018.

Signed [Signature]

Name Donald M. Sweeney

Title CEO

Locus Solutions, LLC  
30500 Aurora Road, Suite 180  
Solon, Ohio 44139  
US

State of Ohio

County of Cuyahoga

On this 18th day of July, 2018, personally appeared before me the above-named Donald Sweeney, to me known and known to me to be the person described in the foregoing instrument, who executed the foregoing instrument, and who severally acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

[Signature]  
Notary Public

My Commission Expires:

SEAL



Diana Varda  
Resident Summit County  
Notary Public, State of Ohio  
My Commission Expires: 12-11-2021

IN TESTIMONY WHEREOF, I, the undersigned authorized representative of Locus IP Company, LLC, have hereunto set my hand this 18th day of July, 2018.

Signed *[Signature]*

Name Donald M. Sweeney

Title CFO

Locus IP Company, LLC  
30500 Aurora Road, Suite 180  
Solon, Ohio 44139  
US

State of Ohio

County of Cuyahoga

On this 18th day of July, 2018, personally appeared before me the above-named Donald Sweeney, to me known and known to me to be the person described in the foregoing instrument, who executed the foregoing instrument, and who severally acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

*[Signature]*  
Notary Public

My Commission Expires:

SEAL



Diana Varde  
Resident Summit County  
Notary Public, State of Ohio  
My Commission Expires: 12-11-2021

SCHEDULE A

Docket No.	Serial No.	Date Filed	Title
LOC.100CX PCT	PCT/US2017/050661	09/08/2017	Novel Cultivation System for the Efficient Production of Microorganisms
LOC.100P	62/404,516	10/05/2016	Novel Cultivation System for the Efficient Production of Microorganisms
LOC.102P	62/385,057	09/08/2016	Distributed Systems for the Efficient Production and Use of Microbe-Based Compositions
LOC.102XC1 PCT	PCT/US2017/050711	09/08/2017	Distributed Systems for the Efficient Production and Use of Microbe-Based Compositions
LOC.106P	62/443,356	01/06/2017	Novel Fermentation Systems and Methods
LOC.106XC1 PCT	PCT/US2018/012561	01/05/2018	Novel Fermentation Systems and Methods
LOC.159P	62/610,581	12/27/2017	Microbe-Based Compositions And Methods For Extracting Minerals and Metals From Ore