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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5837990

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MARK EMILIO BARRASSO	02/27/2017
ALEXANDRU SERGHEI ROSCA	03/25/2019
JESSE DEAN FORDYCE	11/22/2019
PATRICK WILLIAM CRAWFORD	08/14/2017

RECEIVING PARTY DATA

Name:	GROWTONIX, LLC
Street Address:	41 LEGENDS CIRCLE
City:	MELVILLE
State/Country:	NEW YORK
Postal Code:	11747

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15183053

CORRESPONDENCE DATA

Fax Number: (717)257-7580

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: 617-912-0969

Email: IPGroupMailbox@saul.com

Correspondent Name: BRIAN R. LANDRY, SAUL EWING ARNSTEIN & LEHR LLP

Address Line 1: **CENTRE SQUARE WEST**

Address Line 2: 1500 MARKET STREET, 38TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19102-2186

ATTORNEY DOCKET NUMBER:	368002-00004(US1)
NAME OF SUBMITTER:	BRIAN R. LANDRY
SIGNATURE:	/Brian R. Landry/
DATE SIGNED:	11/25/2019

Total Attachments: 8

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368002-00004(US1)

ASSIGNMENT

I/We, MARK EMILIO BARRASSO, residing at 41 Legends Circle, Melville, NY 11747,

ALEXANDRU SERGHEI ROSCA, 51 Brickell Avenue, Westwood, NJ 07675, JESSE DEAN

FORDYCE, residing at 20 Glenville Avenue, Apt. 2, Allston, MA 02134, and PATRICK

WILLIAM CRAWFORD, residing at 5376 Night Heron Drive, Blaine, WA 98230, have made

certain inventions or discoveries (or both) set forth in an application for Letters Patent of the

United States of America entitled:

AUTONOMOUS PLANT GROWING SYSTEMS

which application was executed by the inventors on the date of execution of this assignment, and

is identified by Application No. 15/183,053, filed on June 15, 2016, Attorney Docket No.

368002-00004(US1), and Growtonix, LLC whose address is 41 Legends Circle, Melville, NY

11747 and which, together with its successors and assigns is hereinafter called "Assignee," is

desirous of acquiring title, rights, benefits and privileges hereinafter recited, and of confirming

the same or any part thereof heretofore acquired by Assignee.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt

and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and

to said inventions and discoveries, said application for Letters Patent of the United States of

America, any and all other applications for Letters Patent on said inventions and discoveries in

whatsoever countries, including all divisional, renewal, substitute, continuation and Convention

applications based in whole or in part upon said inventions or discoveries or upon said

applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted

for said inventions and discoveries or upon said applications, and every priority right that is or

may be predicated upon or arise from said inventions, said discoveries, said applications and said

Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of

said inventions and discoveries in our name(s) or in the name of Assignee or otherwise as

Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America

and the empowered officials of all other governments to issue or transfer all said Letters Patent to

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Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying signature(s), hereinbelow.

IN TESTIMON	Y WHEREOF, we have	affixed our signature(s).	02/27/17
(Witness)	(Date)	Mark/Emilio Barrasso	(Date)
(Witness)	(Date)	Alexandru Serghei Rosca	(Date)
(Witness)	(Date)	Jesse Dean Fordyce	(Date)
(Witness)	(Date)	Patrick William Crawford	(Date)

368002-00004(US1)

ASSIGNMENT

I/We, MARK EMILIO BARRASSO, residing at 41 Legends Circle, Melville, NY 11747,

ALEXANDRU SERGHEI ROSCA, 51 Brickell Avenue, Westwood, NJ 07675, JESSE DEAN

FORDYCE, residing at 20 Glenville Avenue, Apt. 2, Allston, MA 02134, and PATRICK

WILLIAM CRAWFORD, residing at 5376 Night Heron Drive, Blaine, WA 98230, have made

certain inventions or discoveries (or both) set forth in an application for Letters Patent of the

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which application was executed by the inventors on the date of execution of this assignment, and

is identified by Application No. 15/183,053, filed on June 15, 2016, Attorney Docket No.

368002-00004(US1), and Growtonix, LLC whose address is 41 Legends Circle, Melville, NY

11747 and which, together with its successors and assigns is hereinafter called "Assignee," is

desirous of acquiring title, rights, benefits and privileges hereinafter recited, and of confirming

the same or any part thereof heretofore acquired by Assignee.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt

and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and

to said inventions and discoveries, said application for Letters Patent of the United States of

America, any and all other applications for Letters Patent on said inventions and discoveries in

whatsoever countries, including all divisional, renewal, substitute, continuation and Convention

applications based in whole or in part upon said inventions or discoveries or upon said

applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted

for said inventions and discoveries or upon said applications, and every priority right that is or

may be predicated upon or arise from said inventions, said discoveries, said applications and said

Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of

said inventions and discoveries in our name(s) or in the name of Assignee or otherwise as

Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America

and the empowered officials of all other governments to issue or transfer all said Letters Patent to

- 1 -

Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying signature(s), hereinbelow.

IN TESTIMONY WHEREOF, we have affixed our signature(s).

(Witness)	(Date)	Mark Emilio Barrasso	(Date)
Alexandru Serghei Rosca (Witness)	03/25/2019 (Date)	Alexandru Rosca Alexandru Serghei Rosca	03/25/201 (Date)
	,		,
(Witness)	(Date)	Jesse Dean Fordyce	(Date)
(Witness)	(Date)	Patrick William Crawford	(Date)

ASSIGNMENT

I/We, MARK EMILIO BARRASSO, residing at 41 Legends Circle, Melville, NY 11747, ALEXANDRU SERGHEI ROSCA, 51 Brickell Avenue, Westwood, NJ 07675, JESSE DEAN FORDYCE, residing at 20 Glenville Avenue, Apt. 2, Allston, MA 02134, and PATRICK WILLIAM CRAWFORD, residing at 5376 Night Heron Drive, Blaine, WA 98230, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

AUTONOMOUS PLANT GROWING SYSTEMS

which application was executed by the inventors on the date of execution of this assignment, and is identified by Application No. 15/183,053, filed on June 15, 2016, Attorney Docket No. 368002-00004(US1), and Growtonix, LLC whose address is 41 Legends Circle, Melville, NY 11747 and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to

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Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying signature(s), hereinbelow.

IN TESTIMONY WHEREOF, we have affixed our signature(s).

(Witness)	(Date)	Mark Emilio Barrasso	(Date)
(Witness)	(Date)	Alexandru Serghei Rosca	(Date)
		Jesse Dean Fordyce	11/22/2019
(Witness)	(Date)	Jesse Dean Fordyce	(Date)
(Witness)	(Date)	Patrick William Crawford	(Date)

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ASSIGNMENT

I/We, MARK EMILIO BARRASSO, residing at 41 Legends Circle, Melville, NY 11747, ALEXANDRU SERGHEI ROSCA, 51 Brickell Avenue, Westwood, NJ 07675, JESSE DEAN FORDYCE, residing at 20 Glenville Avenue, Apt. 2, Allston, MA 02134, and PATRICK WILLIAM CRAWFORD, residing at 5376 Night Heron Drive, Blaine, WA 98230, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

AUTONOMOUS PLANT GROWING SYSTEMS

which application was executed by the inventors on the date of execution of this assignment, and is identified by Application No. 15/183,053, filed on June 15, 2016, Attorney Docket No. 368002-00004(US1), and Growtonix, LLC whose address is 41 Legends Circle, Melville, NY 11747 and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

NOW, **THEREFORE**, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to

- 1 -

368002-00004(US1)

Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

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IN TESTIMONY WHEREOF, we have affixed our signature(s).

(Witness)	(Date)	Mark Emilio Barrasso	(Date)
(Witness)	(Date)	Alexandru Serghei Rosca	(Date)
(Witness)	(Date)	Jesse Dean Fordyce	(Date)
Celina Bertoncini (Witness)	8/14/2017 (Date)	Patrick William Crawford	8 <u>/14/201</u> 7 (Date)

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