PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Release of Security Interest in Patents

CONVEYING PARTY DATA

Name	Execution Date
LV ADMINISTRATIVE SERVICES, INC.	01/29/2013

RECEIVING PARTY DATA

Name:	PA LLC
Street Address:	1901 S. Harbor City Blvd, Suite 300
City:	Melbourne
State/Country:	FLORIDA
Postal Code:	32901

PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	13050931
Application Number:	12441115
Application Number:	13377375
Application Number:	13265525
Application Number:	13157293

CORRESPONDENCE DATA

502211736

8668265420 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 301-638-0511

penelope@ipresearchplus.com Email: Correspondent Name: **Corporation Service Company** Address Line 1: 1090 Vermont Avenue, Ste 430

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	513676(COS1-38403)
NAME OF SUBMITTER:	Penelope J.A. Agodoa

REEL: 029717 FRAME: 0703

PATENT

Total Attachments: 4
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PATENT REEL: 029717 FRAME: 0704

RELEASE OF SECURITY INTERESTS IN PATENTS

WHEREAS, LV Administrative Services, Inc., as agent ("Agent") and PA LLC ("LLC") are parties to (i) that certain Intellectual Property Security Agreement dated August 8, 2008, as amended on August 27, 2008 and recorded on September 10, 2008 in the Assignment Branch of the United States Patent and Trademark Office at Reel 021510, Frame 0638 (the "2008 Security Agreement A"), (ii) that certain Intellectual Property Security Agreement dated August 21, 2008, as amended on August 27, 2008 and recorded on October 1, 2008 in the Assignment Branch of the United States Patent and Trademark Office at Reel 021619, Frame 0566 (the "2008 Security Agreement B"), (iii) that certain Intellectual Property Security Agreement dated December 28, 2011 and recorded on February 16, 2012 in the Assignment Branch of the United States Patent and Trademark Office at Reel 027727, Frame 1561 (the "2011 Security Agreement A"), and (iv) that certain Intellectual Property Security Agreement dated December 28, 2011 and recorded on February 16, 2012 in the Assignment Branch of the United States Patent and Trademark Office at Reel 027727, Frame 1512 (the "2011 Security Agreement B" and, together with the 2008 Security Agreement A, the 2008 Security Agreement B and the 2011 Security Agreement A, the "Security Agreements"); and

WHEREAS, Agent issued a release letter dated January 29, 2013 in which it released certain security interests and liens which LLC had granted to LV; and

WHEREAS, LV has agreed to execute such further instruments and documents as may be reasonably necessary to fully effect the foregoing release.

NOW, THEREFORE, for and in consideration of the foregoing, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, LV hereby does certify that the security interests it held in a certain patents pursuant to the Security Agreements, which patents are more fully identified on <u>Schedule A</u>, annexed hereto and made a part hereof, are released and all interests in such patent rights previously assigned to LV under the Security Agreements are hereby reassigned to LLC.

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PATENT REEL: 029717 FRAME: 0705 IN WITNESS WHEREOF, LV has caused this Release of Security Interests in Patents to be executed by its duly authorized signatory this ^{29th}day of January, 2013.

LV ADMINISTRATIVES SERVICES, INC.

By: 1

Name: Engene Grin

Title: Authorized Signatory

PATENT REEL: 029717 FRAME: 0706

SCHEDULE A

TO

RELEASE OF SECURITY INTERESTS IN PATENTS

Title	Application/Serial No.	Filing Date
Tubular Microbial Growth System	12/441,115	12/10/2009
Method and System for Processing Of Aquatic Species	13/050,931	03/17/2011
Vegetation Indices for Measuring Multilayer Microcrop Density and Growth	13/377,375	03/06/2012
Cultivation, Harvesting and Processing of Floating Aquatic Species with High Growth Rates	13/265,525	02/06/2012
Ash Removal from Biomass	13/157,293	06/09/2011

PATENT REEL: 029717 FRAME: 0707

RECORDED: 01/29/2013