

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6298214

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
ANUVIA PLANT NUTRIENTS HOLDINGS INC.	09/09/2020
ANUVIA PLANT CITY LLC	09/09/2020
ANUVIA PLANT NUTRIENTS CORPORATION	09/09/2020

RECEIVING PARTY DATA

Name:	PONTIFAX AGTECH INVESTMENTS: ANUVIA SERIES C BRIDGE, LLC
Street Address:	2025 SOUTH WESTGATE AVENUE, SUITE 100
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90025

PROPERTY NUMBERS Total: 31

Property Type	Number
Patent Number:	8105413
Patent Number:	8470065
Patent Number:	7662205
Patent Number:	8192519
Patent Number:	8491693
Patent Number:	7513927
Patent Number:	7662206
Patent Number:	7947105
Patent Number:	8202342
Patent Number:	8597394
Patent Number:	8864868
Patent Number:	9233882
Patent Number:	7947104
Patent Number:	9695092
Patent Number:	8557013
Patent Number:	8920733
Patent Number:	9328030
Patent Number:	9586869

PATENT

Property Type	Number
Patent Number:	8992654
Patent Number:	9856178
Application Number:	13912873
Application Number:	13912892
Application Number:	14990038
Application Number:	15584640
Application Number:	14642842
Application Number:	13104127
Application Number:	12033809
Application Number:	15841505
Application Number:	15174491
Application Number:	16543071
Application Number:	16682885

CORRESPONDENCE DATA

Fax Number: (949)823-6994

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: 949-760-9600

Email: IPNB@omm.com

Correspondent Name: O'MELVENY & MYERS LLP / MAIAH PARKS

Address Line 1: TWO EMBARCADERO CENTER, FLR 28

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111-3823

ATTORNEY DOCKET NUMBER:	871,871-005
NAME OF SUBMITTER:	MAIAH PARKS
SIGNATURE:	/Maiah Parks/
DATE SIGNED:	09/15/2020

Total Attachments: 17

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this “Agreement”) is entered into as of September 9, 2020, by and among Anuvia Plant Nutrients Holdings Inc., a Delaware corporation, each of its subsidiaries party hereto (together with Borrower and any other entity that may become a party hereto as a grantor, each a “Grantor” and collectively, the “Grantors”) and Pontifax AgTech Investments: Anuvia Series C Bridge, LLC, in its capacity as collateral agent for itself and the other Secured Parties (as defined in the Security Agreement (as defined below)) (the “Collateral Agent”).

RECITALS

WHEREAS, pursuant to the terms of that certain Guarantee and Security Agreement, dated as of the date hereof, by and among Anuvia Plant Nutrients Holdings Inc., a Delaware corporation (“Borrower”), each of the Grantors, each of the Lenders party thereto from time to time and the Collateral Agent (as amended, restated or otherwise modified from time to time, the “Security Agreement”) in connection with that certain Secured Convertible Note Purchase Agreement, dated as of the date hereof, by and among Anuvia Plant Nutrients Holdings Inc., a Delaware corporation, and each of the purchasers party thereto from time to time (as amended, restated or otherwise modified from time to time, the “Purchase Agreement”), Grantors have granted to the Collateral Agent, on behalf of the Secured Parties, a security interest in all of Grantors’ right, title and interest, whether now owned or hereafter acquired or in which Grantors now have or at any time in the future may acquire any right, title or interest and to the extent not otherwise included, in, to and under all of the Collateral. Capitalized terms used but not defined herein shall have the meanings assigned to such terms in the Security Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of Grantors’ obligations to the Collateral Agent, each Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. The Grantors hereby grant to the Collateral Agent for itself and the ratable benefit of the Lenders, a security interest in and to all of such Grantor’s right, title and interest in and to each of their intellectual property to the extent constituting Collateral, in each case whether now owned or at any time hereafter acquired by a Grantor or in which a Grantor now has or at any time in the future may acquire any right, title or interest and to the extent not otherwise included (all of which shall collectively be called the “Intellectual Property Collateral”), including, without limitation, the following:

(a) Any and all rights in any works of authorship in the U.S., including (i) U.S. federally registered copyrights and recordings thereof and all applications in connection therewith, including those listed on Exhibit A, (ii) income, license fees, royalties, damages, and payments now and hereafter due or payable under and with respect thereto, including payments under all licenses entered into in connection therewith and damages and payments for past, present, or future infringements thereof, (iii) the right to sue for past, present, and future infringements thereof, (iv) the right to obtain extensions and renewals thereof and (v) all of the applicable Grantor’s rights corresponding thereto (collectively, the “Copyrights”);

(b) (i) all computer programs, including source code and object code versions, (ii) all data, databases and compilations of data, whether machine readable or otherwise, and (iii) all documentation, training materials and configurations related to any of the foregoing.

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) U.S. federally registered patents and patent applications in relation thereto, including (i) the patents and patent applications listed on Exhibit B, (ii) all continuations, divisionals, continuations-in-part, re-examinations, reissues, and renewals thereof and improvements thereon, (iii) all income, royalties, damages and payments now and hereafter due or payable under and with respect thereto, including payments under all licenses entered into in connection therewith and damages and payments for past, present, or future infringements thereof, (iv) the right to sue for past, present, and future infringements thereof, and (v) all of the applicable Grantor's rights corresponding thereto (collectively, the "Patents");

(e) Any and all U.S. federally registered trademarks, trade names, trademark applications, service marks, registered service marks and service mark applications, including (i) the trade names, registered trademarks, trademark applications, registered service marks and service mark applications listed on Exhibit C, (ii) all renewals thereof, (iii) all income, royalties, damages and payments now and hereafter due or payable under and with respect thereto, including payments under all licenses entered into in connection therewith and damages and payments for past or future infringements or dilutions thereof, (iv) the right to sue for past, present and future infringements and dilutions thereof, (v) the goodwill of the applicable Grantor's business symbolized by the foregoing or connected therewith, and (vi) all of the applicable Grantor's rights corresponding thereto (collectively, the "Trademarks");

(f) With respect to any Person (the "Specified Party"), (i) any exclusive written licenses or other similar rights provided to a Grantor in or with respect to Intellectual Property owned or controlled by any other Person, and (ii) any exclusive written licenses or other similar rights provided to a Grantor in or with respect to Intellectual Property owned or controlled by the Specified Party, in each case, including (A) any Software license agreements (other than non-exclusive licenses for Software that is licensed under "shrink-wrap" or "click-through" contracts and is generally commercially available on reasonable terms through commercial distributors or in retail stores), (B) the material license agreements listed on Exhibit D, and (C) the right to use any of the licenses or other similar rights described in this definition in connection with the enforcement of the Secured Parties' rights under the Transaction Documents.

(g) All trade secrets, know-how, inventions (whether or not patentable), algorithms, processes, product designs, blueprints, drawings, data, customer lists, and domain names,

(h) all rights with respect to the any of the foregoing and all applications for registration or registrations thereof; and

(i) all Proceeds, Supporting Obligations and products of any and all of the foregoing, all payments under insurance, any indemnity, warranty or guaranty, payable by reason of loss or damage to or otherwise with respect to any of the foregoing, and all collateral security and guarantees given by any Person with respect to any of the foregoing and all books and records pertaining to the foregoing.

2. Recordation. Grantors authorize the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by the Collateral Agent.

3. Transaction Documents. This Agreement has been entered into pursuant to and in conjunction with the Security Agreement and the Purchase Agreement, which is hereby incorporated by reference. The provisions of the Security Agreement and the Purchase Agreement shall supersede and

control over any conflicting or inconsistent provision herein. The rights and remedies of the Collateral Agent with respect to the Intellectual Property Collateral are as provided by the Security Agreement, the Purchase Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

4. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

5. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

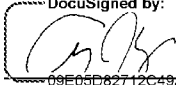
6. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of Delaware, without giving effect to any choice or conflict of law provision or rule (whether of the State of Delaware or any other jurisdiction).

[Signature page follows.]

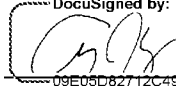
IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTORS:

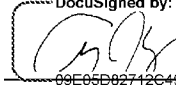
Anuvia Plant Nutrients Holdings Inc.

By:  DocuSigned by:
09E05D82712C49A...
Name: Amy Yoder
Title: President and Chief Executive Officer

Anuvia Plant City LLC

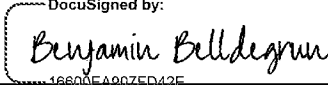
By:  DocuSigned by:
09E05D82712C49A...
Name: Amy Yoder
Title: President and Chief Executive Officer

Anuvia Plant Nutrients Corporation

By:  DocuSigned by:
09E05D82712C49A...
Name: Amy Yoder
Title: President and Chief Executive Officer

COLLATERAL AGENT:

Pontifax AgTech Investments: Anuvia Series C
Bridge, LLC, as Collateral Agent

By:  DocuSigned by:
166005EA907FD42E...
Name: Benjamin Beldegrun
Title: Managing Partner

[Signature Page to IP Security Agreement]

PATENT
REEL: 053770 FRAME: 0892

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

None.

EXHIBIT B

Patents

<i>REF NO & COUNTRY</i>	<i>INVENTION TITLE</i>	<i>PATENT NO/ Appln. Status</i>	<i>APPLN NO & (Priority Appln No) COUNTRY</i>	<i>FILING DATE (Priority Date)</i>	<i>Inventors</i>	<i>Expiration Date (assuming all fees paid when due)</i>
8108.002.US United States	Manufacturing of Bioorganic-Augmented High Nitrogen- Containing Inorganic Fertilizer	US 8,185,413 Issued 31 Jan 2012 Last maintenance fee due 31 July 2023	11/359,751 (60/759,050) (60/654,957) US	02/23/2006 (01/17/2006) (02/23/2005)	J.C. Burnham	27 Dec. 2027
8108.002.USCN United States	Manufacturing of Bioorganic-Augmented High Nitrogen- Containing Inorganic Fertilizer	US 8,479,065 Issued 28 June 2013 Final maintenance fee due 25 Dec 2024	13/349,967 (11/359,751) (60/759,050) (60/654,957) US	01/13/2012 (02/23/2006) (01/17/2006) (02/23/2005)	J.C. Burnham	13 Jan. 2032
8108.002.USCN United States	Manufacturing of Bioorganic-Augmented High Nitrogen- Containing Inorganic Fertilizer	Abandoned	13/912,873 (13/349,967) (11/359,751) (60/759,050) (60/654,957) US	06/07/2013 (01/13/2012) (02/23/2006) (01/17/2006) (02/23/2005)	J.C. Burnham	
8108.003.US United States	Processes to Beneficiate Heat-Dried Biosolid Pellets	US 7,662,295 Issued 16 Feb 2010 Last maintenance fee due 16 August 2021	11/371,238 (60/700,730) (60/659,434) US	03/09/2006 (07/20/2005) (03/09/2005)	J.C. Burnham	27 Sept. 2027

<i>REF NO & COUNTRY</i>	<i>INVENTION TITLE</i>	<i>PATENT NO/ Appl. Status</i>	<i>APPL N NO (Priority Appln No) & COUNTRY</i>	<i>FILING DATE (Priority Date)</i>	<i>Inventors</i>	<i>Expiration Date (assuming all fees paid when due)</i>
8108.003.USCN United States	Processes to Beneficiate Heat-Dried Biosolid Pellets	US 8,192,819 Issued 05 June 2012 Last maintenance fee due 05 Dec 2023	12/705,794 (11/371,238) (60/700,730) (60/659,434) US	02/16/2010 (03/09/2006) (07/20/2005) (03/09/2005)	J.C. Burnham	29 Aug. 2026
8108.003.USCN02 United States	Processes to Beneficiate Heat-Dried Biosolid Pellets	US 8,491,693 Issued 23 July 2013 Final maintenance fee due 23 Jan 2025	13/472,828 (12/705,794) (60/700,730) (60/659,434) US	05/16/2012 (02/16/2010) (07/20/2005) (03/09/2005)	J.C. Burnham	09 Mar. 2026
8108.003.USCN03 United States	Processes to Beneficiate Heat-Dried Biosolid Pellets	Abandoned	13/912,892 (13/472,828) (12/705,794) (60/700,730) (60/659,434) US	06/07/2013 (05/16/2012) (02/16/2010) (07/20/2005) (03/09/2005)	J.C. Burnham	
8108.004.US United States	Methods to Control the Chemical Self-Heating of Organic-Containing Materials.	US 7,513,927 Issued 07 April 2009 Last maintenance fee due 07 Oct 2020 To be abandoned absent instructions	10/738,983 (60/434,387) US	12/19/2003 (12/19/2002)	J.C. Burnham E. Faulmann	31 Aug. 2026

<i>REF NO & COUNTRY</i>	<i>INVENTION TITLE</i>	<i>PATENT NO/ Appl. Status</i>	<i>APPL N NO (Priority Appln No) & COUNTRY</i>	<i>FILING DATE (Priority Date)</i>	<i>Inventors</i>	<i>Expiration Date (assuming all fees paid when due)</i>
8108.006.US United States	Organic Containing Sludge to Fertilizer Alkaline Conversion Process	US 7,662,286 Issued 16 Feb 2010 Last maintenance fee due 16 Aug 2021	11/521,604 (60/716,964) US	09/15/2006 (09/15/2005)	J.C. Burnham	13 Dec. 2027
8108.006.USCNO1 United States	Organic Containing Sludge to Fertilizer Alkaline Conversion Process	US 7,947,305 Issued 24 May 2011 Last maintenance fee due 24 Nov 2022	12/705,813 (60/716,964) US	2/16/2010 (09/15/2005)	J.C. Burnham	15 Sept. 2026
8108.006.USCNO2 United States	Organic Containing Sludge to Fertilizer Alkaline Conversion Process	US 8,202,342 Issued 19 June 2012 Last maintenance fee due 19 Dec 2023	13/103,637 (12/705,813) (60/716,964) US	05/09/2011 (2/16/2010) (09/15/2005)	J.C. Burnham	15 Sept. 2026
8108.006.USCNO3 United States	Organic Containing Sludge to Fertilizer Alkaline Conversion Process	US 8,597,394 Issued 03 December 2013 Second maintenance fee due 03 June 2021	13/472,843 (13/103,637) (12/705,813) (60/716,964) US	05/16/2012 (05/09/2011) (2/16/2010) (09/15/2005)	J.C. Burnham	15 Sept. 2026
8108.006.USCNO4 United States	Organic Containing Sludge to Fertilizer Alkaline Conversion Process	US 8,864,868 Issued 21 Oct 2014 Second maintenance fee due 21 April 2022	14/084,663 (13/472,843) (13/103,637) (12/705,813) (60/716,964) US	11/20/2013 (05/16/2012) (05/09/2011) (2/16/2010) (09/15/2005)	J.C. Burnham	15 Sept. 2026

<i>REF NO & COUNTRY</i>	<i>INVENTION TITLE</i>	<i>PATENT NO/ Appl. Status</i>	<i>APPL N NO & (Priority Appln No) COUNTRY</i>	<i>FILING DATE (Priority Date)</i>	<i>Inventors</i>	<i>Expiration Date (assuming all fees paid when due)</i>
8108.006.USCNO5 United States	Organic Containing Sludge to Fertilizer Alkaline Conversion Process	US 9,233,882 Issued 12 Jan 2016 Second maintenance fee due 12 July 2023	14/509,223 (14/084,663) (13/472,843) (13/103,637) (12/705,813) (11/521,604) (60/716,964) US	10/08/2014 (11/20/2013) (05/16/2012) (05/09/2011) (02/16/2010) (09/15/2006) (09/15/2005)	J.C. Burnham	15 Sept. 2026
8108.006.USCNO6 United States	Organic Containing Sludge to Fertilizer Alkaline Conversion Process	Abandoned	14/990,038 (14/509,223) (14/084,663) (13/472,843) (13/103,637) (12/705,813) (11/521,604) (60/716,964) US	01/07/2016 (10/08/2014) (11/20/2013) (05/16/2012) (05/09/2011) (02/16/2010) (09/15/2006) (09/15/2005)	J.C. Burnham	
8108.009.US United States	Process for Treating Sludge and Manufacturing Bioorganically- Augmented High Nitrogen-Containing Inorganic Fertilizer	US 7,947,384 Issued 24 May 2011 Last maintenance fee due 24 Nov 2022	12/033,809 (60/890,422) US	02/19/2009 (02/16/2007)	J.C. Burnham, J.P. Carr, G.L. Dahms	31 Jul. 2029
8108.009.USCN United States	Process for Treating Sludge and Manufacturing Bioorganically- Augmented High Nitrogen-Containing Inorganic Fertilizer	US 9,695,892 Issued 04 July 2017 Second maintenance fee due 04 Jan 2025	13/104,127 (12/033,809 (60/890,422) US	05/10/2011 (02/19/2009) (02/16/2007)	J.C. Burnham, J.P. Carr, G.L. Dahms	19 Feb. 2028

<i>REF NO & COUNTRY</i>	<i>INVENTION TITLE</i>	<i>PATENT NO/ Appl. Status</i>	<i>APPL N NO (Priority Appln No) & COUNTRY</i>	<i>FILING DATE (Priority Date)</i>	<i>Inventors</i>	<i>Expiration Date (assuming all fees paid when due)</i>
8108.010.US United States	Bioorganically- Augmented High-Value Fertilizer	US 8,557,013 Issued 15 Oct 2013 Second maintenance fee due 15 April 2021	12/981,933 (61/291,205) US	12/30/2010 (12/30/2009)	J.C. Burnham J.P. Carr G.L. Dahms	18 May, 2031
8108.010.USCN United States	Bioorganically- Augmented High-Value Fertilizer	U.S. 8,920,733 Issued 30 Dec, 2014 Second maintenance fee due 30 June 2022	14/049,421 (12/981,933) (61/291,205) US	10/09/2013 (12/30/2010 (12/30/2009)	J.C. Burnham J.P. Carr G.L. Dahms	30 Dec, 2030
8108.010.USCN02 United States	Bioorganically- Augmented High-Value Fertilizer	U.S. 9,328,030 Issued 03 May 2016 Second maintenance fee due 03 Nov. 2023	14/548,542 (14/049,421) (12/981,933) (61/291,205) US	11/20/2014 (10/09/2013) (12/30/2010 (12/30/2009)	J.C. Burnham J.P. Carr G.L. Dahms	30 Dec, 2030
8108.010.USCN03 United States	Bioorganically- Augmented High-Value Fertilizer	U.S. 9,586,869 Issued 07 March 2017 Second maintenance fee due 07 Sept 2024	15/130,633 (14/548,542) (14/049,421) (12/981,933) (61/291,205)	04/15/2016 (11/20/2014) (10/09/2013) (12/30/2010 (12/30/09)	J.C. Burnham J.P. Carr G.L. Dahms	30 Dec, 2030

<i>REF NO & COUNTRY</i>	<i>INVENTION TITLE</i>	<i>PATENT NO/ Appl. Status</i>	<i>APPL NO (Priority Appln No) & COUNTRY</i>	<i>FILING DATE (Priority Date)</i>	<i>Inventors</i>	<i>Expiration Date (assuming all fees paid when due)</i>
8108.014.US United States	High Value Enhanced- Organic-Enhanced Inorganic Fertilizer	US 8,992,654 Issued 31 March 2015 Second maintenance fee due 30 Sept 2022	13/432,709 (61/615,258) (61/569,007) (61/468,157) US	03/28/2012 (03/24/2012) (12/09/2011) (03/28/2011)	G.L. Dahms J.P. Carr J.C. Burnham B.R. Jarrett	06 Sept. 2032
8108.014.USCN United States	High Value Enhanced- Organic-Enhanced Inorganic Fertilizer	Abandoned	14/642,842 (13/432,709) (61/615,258) (61/569,007) (61/468,157) US	03/10/2015 (03/28/2012) (03/24/2012) (12/09/2011) (03/28/2011)	G.L. Dahms J.P. Carr J.C. Burnham B.R. Jarrett	
8108.014.USCP United States	High Value Enhanced- Organic-Enhanced Inorganic Fertilizer	Abandoned	15/584,640 14/642,842 (13/432,709) (61/615,258) (61/569,007) (61/468,157) 13/104,127 12/033,809 (60/890,422) US	05/02/2017 03/10/2015 (03/28/2012) (03/24/2012) (12/09/2011) (03/28/2011) 05/10/2011 (02/19/2009) (02/16/2007)	G.L. Dahms J.P. Carr J.C. Burnham B.R. Jarrett	
8108.015.US United States	High Value Fertilizer and Methods of Manufacture	US 9,856,178 Issued 02 Jan. 2018 First maintenance fee due 02 July 2021	15/174,491 (62/171,541) US	06/06/2016 (06/05/2015)	J.C. Burnham G.L. Dahms B.R. Jarrett L.S. Murphy	06 June 2036

<i>REF NO & COUNTRY</i>	<i>INVENTION TITLE</i>	<i>PATENT NO/ Appl. Status</i>	<i>APPL N NO (Priority Appln No) & COUNTRY</i>	<i>FILING DATE (Priority Date)</i>	<i>Inventors</i>	<i>Expiration Date (assuming all fees paid when due)</i>
8108,015,USCN United States	High Value Fertilizer and Methods of Manufacture	Response to FOA and RCE due 10/24/2020 (+3)	15/841,505 15/174,491 (62/171,541) US	12/14/2017 06/06/2016 (06/05/2015)	J.C. Burnham G.L. Dahms B.R. Jarrett L.S. Murphy	
8108,017,US United States	Reactive Inorganic Coatings for Agricultural Fertilizers	Response to NFOA due 11/14/2020 (+3); Allowance expected	16/543,071 62/718,993 US	08/16/2019 08/16/2018	S.A. Siegel; J.C. Burnham	
8108,018,US United States	Delivery of Bioactive Molecules in Coatings on Surface Layers of Organically Enhanced Inorganic Fertilizers	Awaiting examination	16/682,885 62/767,172 US	11/13/2019 11/14/2018	J.C. Burnham; S.A. Siegel	

EXHIBIT C
Trademarks

<i>REF NO</i>	<i>MARK</i>	<i>REGISTRATION</i>	<i>CLASS - GOODS/SERVICES</i>	<i>APPLN NO FILING DATE & COUNTRY</i>	<i>OWNER/ ASSIGNEE</i>
8108.012.USTM	VITAG	U.S. Reg. No. 3,889,856 14 Dec 2010 Principle Register Abandoned	Class 1 – Chemicals Class 44 – Agricultural services	77/943,959 (02/24/2010) US	APN Corp
8108.013.USTM	BENEFICIAL USEABLE TECHNOLOGY	U.S. Reg. No. 3,866,127 19 Oct 2010 Supplemental Register Transferred to Principal Abandoned	Class 44 – Agricultural services	77/944,005 (02/24/2010) US	APN Corp
8108.013.USTM01	BENEFICIAL USEABLE TECHNOLOGY	U.S. Reg. No. 4,869,989 15 December 2015 Section 8/15 Affidavit due 15 December 2021 To be abandoned	Class 44 – Agricultural services	86/595,578 (04/13/2015) US	APN Corp
8108.018.USTM	ANUVIA	U.S. Reg. No. 5,281,692 25 July 2017 Section 8/15 Affidavit due 25 July 2023	Class 1 – Chemicals; Fertilizers for agricultural use	86/728,159 08/18/2015 US	APN Corp.

<i>REF NO</i>	<i>MARK</i>	<i>REGISTRATION</i>	<i>CLASS - GOODS/SERVICES</i>	<i>APPLN NO FILING DATE & COUNTRY</i>	<i>OWNER/ ASSIGNEE</i>
8108.019.USTM In use on web site	Anuvia Logo Planet Inspired Products				
8108.020.USTM	SYMTRX	U.S. Reg. No. 5,359,567 19 Dec 2017 Section 8/15 Affidavit due 19 Dec 2023	Class 1 - Fertilizers for agriculture use	87/457,135 05/19/2017	APN Corp.
8108.021.USTM	GREENTRX	U.S. Reg. No. 5,359,566 19 Dec 2017 Section 8/15 Affidavit due 19 Dec 2023	Class 1 - Fertilizers for agriculture use	87/457,134 05/19/2017	APN Corp.
8108.022.USTM In use on web site	MATRIX Logo				
8108.023.USTM	TRX TECHNOLOGY	U.S. Reg. No. 5,351,944 14 May 2019 Section 8/15 Affidavit due 14 May 2025	Class 1 - Compounds for use in fertilizer	87/461,127 05/23/2017	APN Corp.
8108.024.USTM	ORGANIC MATRIX	U.S. Reg. No. 5,521,369 17 July 2018 Section 8/15 Affidavit due 17 July 2024	Class 1 - Organic compounds sold as an ingredient of fertilizer	87/461,129 05/23/2017	APN Corp.

<i>REF NO</i>	<i>MARK</i>	<i>REGISTRATION</i>	<i>CLASS - GOODS/SERVICES</i>	<i>APPLN NO FILING DATE & COUNTRY</i>	<i>OWNER/ ASSIGNEE</i>
8108.025.USTM	ANUGREEN	U.S. Reg. No. 5,650,257 08 January 2019 Section 8/15 Affidavit due 08 January 2025	Class 1 - Fertilizers	87/495,420 06/19/2017	APN Corp.

EXHIBIT D

Intellectual Property Licenses

NONE