# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
PRONUTRIA, INC.	02/26/2015

## **RECEIVING PARTY DATA**

Name:	PRONUTRIA BIOSCIENCES, INC.
Street Address: 840 MEMORIAL DRIVE, 3RD FLOOR	
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139

## **PROPERTY NUMBERS Total: 87**

Property Type	Number
Application Number:	61807433
Application Number:	13326211
Application Number:	61737896
Application Number:	61749450
Application Number:	61615791
Application Number:	61615816
Application Number:	61615819
Application Number:	61615823
Application Number:	61615829
Application Number:	61639673
Application Number:	61639691
Application Number:	61639680
Application Number:	61728427
Application Number:	61728685
Application Number:	61727635
Application Number:	61727646
Application Number:	61769429
Application Number:	61769444
Application Number:	61808650
Application Number:	14397412

PATENT REEL: 038177 FRAME: 0982

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Property Type	Number
Application Number:	61615824
Application Number:	13836855
Application Number:	61583068
Application Number:	61570774
Application Number:	61882211
Application Number:	61882214
Application Number:	61882219
Application Number:	61882220
Application Number:	61882225
Application Number:	61882229
Application Number:	61882232
Application Number:	61882234
Application Number:	61882235
Application Number:	61882240
Application Number:	61882129
Application Number:	61882243
Application Number:	61882246
Application Number:	61882250
Application Number:	61882254
Application Number:	61882260
Application Number:	61882264
Application Number:	61882267
Application Number:	61882271
Application Number:	61882274
Application Number:	61882062
Application Number:	61882063
Application Number:	61882065
Application Number:	61882066
Application Number:	61882067
Application Number:	61882068
Application Number:	61882069
Application Number:	61882070
Application Number:	61882072
Application Number:	61882074
Application Number:	61882029
Application Number:	61882078
Application Number:	61882079
Application Number:	61882080

PATENT REEL: 038177 FRAME: 0983

Property Type	Number
Application Number:	61882082
Application Number:	61882086
Application Number:	61882087
Application Number:	61882088
Application Number:	61882090
Application Number:	61882092
Application Number:	61882180
Application Number:	61882189
Application Number:	61882198
Application Number:	61882212
Application Number:	61882222
Application Number:	61882233
Application Number:	61882239
Application Number:	61882300
Application Number:	61882295
Application Number:	61882305
Application Number:	61882335
Application Number:	61889205
Application Number:	61906862
Application Number:	14219943
Application Number:	14335071
Application Number:	14337563
Application Number:	14374127
Application Number:	62038766
Application Number:	14387675
Application Number:	14387677
Application Number:	14387679
Application Number:	14387684
Application Number:	62101879

### **CORRESPONDENCE DATA**

**Fax Number:** (650)938-5200

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:** 415-875-2352

Email: sfuentes@fenwick.com

Correspondent Name: KEVIN KABLER

Address Line 1: 801 CALIFORNIA STREET

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

PATENT REEL: 038177 FRAME: 0984

ATTORNEY DOCKET NUMBER:	28411-01000
NAME OF SUBMITTER: KEVIN KABLER, REG. NO. 63,090	
SIGNATURE: /Kevin Kabler/	
DATE SIGNED:	03/19/2016

#### **Total Attachments: 8**

source=01000\_US\_Assignment\_(FULLY\_EXECUTED\_-\_Pronutria\_Inc\_to\_Pronutria\_Bioscienes)#page1.tif source=01000\_US\_Assignment\_(FULLY\_EXECUTED\_-\_Pronutria\_Inc\_to\_Pronutria\_Bioscienes)#page2.tif source=01000\_US\_Assignment\_(FULLY\_EXECUTED\_-\_Pronutria\_Inc\_to\_Pronutria\_Bioscienes)#page3.tif source=01000\_US\_Assignment\_(FULLY\_EXECUTED\_-\_Pronutria\_Inc\_to\_Pronutria\_Bioscienes)#page4.tif source=01000\_US\_Assignment\_(FULLY\_EXECUTED\_-\_Pronutria\_Inc\_to\_Pronutria\_Bioscienes)#page5.tif source=01000\_US\_Assignment\_(FULLY\_EXECUTED\_-\_Pronutria\_Inc\_to\_Pronutria\_Bioscienes)#page6.tif source=01000\_US\_Assignment\_(FULLY\_EXECUTED\_-\_Pronutria\_Inc\_to\_Pronutria\_Bioscienes)#page7.tif source=01000\_US\_Assignment\_(FULLY\_EXECUTED\_-\_Pronutria\_Inc\_to\_Pronutria\_Bioscienes)#page8.tif

PATENT REEL: 038177 FRAME: 0985

#### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, **Pronutria, Inc.**, a Delaware corporation, having a place of business at 840 Memorial Drive, 3<sup>rd</sup> Floor, Cambridge, MA 02139 ("ASSIGNOR"), has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Pronutria Biosciences**, **Inc.**, a Delaware corporation, having a place of business at 840 Memorial Drive, 3<sup>rd</sup> Floor, Cambridge, MA 02139 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional or non-provisional application filed under 35 U.S.C. § 111, design application filed under 35 U.S.C. § 171, international application filed according to the Patent Cooperation Treaty (PCT), U.S. national phase application filed under 35 U.S.C. § 371, and any patents issuing thereon ("PATENT RIGHTS") listed in Appendix A:
- 2. The entire worldwide right, title, and interest in and to: (a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titled and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, transferee, assignee, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Duly Authorized Representative of ASSIGNOR

Robert Connelly

President & Chief Executive Officer

Pronutria, Inc.

Date of Signature

2/26/15

Duly Authorized Representative of ASSIGNEE

Robert Connelly

President & Chief Executive Officer

Pronutria Biosciences, Inc.

Date of Signature

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# APPENDIX A

FILE NUMBER	TITLE	CLIENT REF.	DATE	APPLICATION
no sal anone lile	2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2		FILED	NUMBER
28411-23675/US	Thermogenic Compositions and Methods of Use	ESS-022 PRO	2-Apr-13	61807433
28411-23797/US	Microorganisms and Methods for Producing Unsaturated Fatty Acids	ESS-003 US1	14-Dec-11	13326211
28411-23798/US	Microorganisms and Methods for Producing Unsaturated Fatty Acids	ESS-004 PRO2	17-Dec-12	61737896
28411-23799/US	Cyanobacterial Strains, Nucleic Acids, Proteins, and Expression Systems	ESS-005 PRO 2	7-Jan-13	51749450
28411-23800/US	Nutritive Proteins and Methods	ESS-006 PRO	26-Mar-12	61615791
28411-23801/US	Charged Nutritive Proteins and Methods	ESS-007 PRO	26-Mar-12	61615816
28411-23802/US	Nutritive Fragments, Proteins and Methods	ESS-008 PRO	26-Mar-12	61615819
28411-23803/US	Charged Nutritive Fragments, Proteins and Methods	ESS-009 PRO	26-Mar-12	61615823
28411-23804/US	Nutritive Fragments and Proteins with Low or No Phenylalanine and Methods	ESS-011 PRO	26-Mar-12	61615829
28411-23805/US	Nucleic Acids, Cells, and Methods for Producing Secreted Proteins	ESS-012 PRO	27-Apr-12	61639673
28411-23806/US	Nucleic Acids, Cells, and Methods for Producing Secreted Proteins	ESS-013 PRO	27-Apr-12	61639691
28411-23807/US	Cyanobacteria Expression Systems and Methods	ESS-014 PRO	27-Apr-12	61639680
28411-23808/US	Engineered Secreted Proteins and Methods	ESS-015 PRO	20-Nov-12	61728427
28411-23809/US	Nutritive Fragments, Proteins and Methods	ESS-016 PRO	20-Nov-12	61.728685
28411-23810/US	Antihypertensive Peptides, Proteins, Compositions and Methods	ESS-017 PRO	16-Nov-12	61727635
28411-23811/US	Peptides, Proteins, Compositions and Methods for the Treatment of Diabetes and Diabetes-Related Conditions	ESS-018 PRO	16-Nov-12	61727646
28411-23812/US	Recombinant Proteins, Compositions, and Methods for Increasing Polypeptide Absorption and Cellular Uptake	ESS-019 PRO	26-Feb-13	61769429
28411-23813/US	Peptides, Proteins, Compositions and Methods for Improving Muscle Health and Maintenance	ESS-020 PRO	26-Feb-13	61769444
28411-23814/US	Peptides, Proteins, Compositions and Methods for Improving Muscle Health and Maintenance	ESS-021 PRO	5-Apr-13	61808650
28411-23836/EP	Nucleic Acids, Cells, and Methods for Producing Secreted Proteins	ESS-012 EP	29-Apr-13	137810404
28411-23836/PCT	Nucleic Acids, Cells, and Methods for Producing Secreted Proteins	ESS-012 WO	29-Apr-13	PCTUS2013038682
28411-23836/US (T)	Nucleic Acids, Cells, and Methods for Producing Secreted Proteins	ESS-012 US0	29-Apr-13	14397412
28411-23856/US	Engineered Nutritive Proteins and Methods	ESS-010 PRO	26-Mar-12	61615824
28411-23857/AU	Nutritive Fragments, Proteins and Methods	ESS-016 AU	15-Mar-13	2013240271
28411-23857/CA	Nutritive Fragments, Proteins and Methods	ESS-016 CA	15-Mar-13	2868469
28411-23857/EP	Nutritive Fragments, Proteins and Methods	ESS-016 EP	15-Mar-13	137701538
28411-23857/IN	Nutritive Fragments, Proteins and Methods	ESS-016 IN	15-Mar-13	
28411-23857/JP	Nutritive Fragments, Proteins and Methods	ESS-016 JP	15-Mar-13	2015503329
28411-23857/PCT	Nutritive Fragments, Proteins and Methods	ESS-016 WO	15-Mar-13	PCTUS2013032180
28411-23858/CA	Nutritive Fragments and Proteins with Low or No Phenylalanine and Methods	ESS-011 CA	15-Mar-13	2868475

28411-23858/EP	Nutritive Fragments and Proteins with Low or No Phenylalanine and Methods	ESS-011 EP	15-Mar-13	137673463
28411-23858/MX	Nutritive Fragments and Proteins with Low or No Phenylalanine and Methods	ESS-011 MX	15-Mar-13	MXa2014011614
28411-23858/PCT	Nutritive Fragments and Proteins with Low or No Phenylalanine and Methods	ESS-011 WO	15-Mar-13	PCTUS2013032232
28411-23859/EP	Charged Nutritive Fragments, Proteins and Methods	ESS-009 EP	15-Mar-13	137700126
28411-23859/PCT	Charged Nutritive Fragments, Proteins and Methods	ESS-009 WO	15-Mar-13	PCTUS2013032225
28411-23860/AU	Nutritive Fragments, Proteins and Methods	ESS-008 AU	15-Mar-13	2013240184
28411-23860/BR	Nutritive Fragments, Proteins and Methods	ESS-008 BR	15-Mar-13	BR1120140237921
28411-23860/CA	Nutritive Fragments, Proteins and Methods	ESS-008 CA	15-Mar-13	2868473
28411-23860/CN	Nutritive Fragments, Proteins and Methods	ESS-008 CN	15-Mar-13	2013soo273657
28411-23860/EP	Nutritive Fragments, Proteins and Methods	ESS-008 EP	15-Mar-13	137681284
28411-23860/IL	Nutritive Fragments, Proteins and Methods	ESS-008 IL	15-Mar-13	234617
28411-23860/IN	Nutritive Fragments, Proteins and Methods	ESS-008 IN	15-Mar-13	
28411-23860/JP	Nutritive Fragments, Proteins and Methods	ESS-008 JP	15-Mar-13	2015503332
28411-23860/MX	Nutritive Fragments, Proteins and Methods	ESS-008 MX	15-Mar-13	MXa2014011600
28411-23860/PCT	Nutritive Fragments, Proteins and Methods	ESS-008 WO	15-Mar-13	PCTUS2013032218
28411-23860/RU	Nutritive Fragments, Proteins and Methods	ESS-008 RU	15-Mar-13	2014143031
28411-23860/SG	Nutritive Fragments, Proteins and Methods	ESS-008 SG	15-Mar-13	11201405841R
28411-23861/AU	Charged Nutritive Proteins and Methods	ESS-007 AU	15-Mar-13	2013240183
28411-23861/BR	Charged Nutritive Proteins and Methods	ESS-007 BR	15-Mar-13	BR1120140238693
28411-23861/CA	Charged Nutritive Proteins and Methods	ESS-007 CA	15-Mar-13	2868522
28411-23861/CN	Charged Nutritive Proteins and Methods	ESS-007 CN	15-Mar-13	2.0138E+12
28411-23861/EP	Charged Nutritive Proteins and Methods	ESS-007 EP	15-Mar-13	137674263
28411-23861/HK	Charged Nutritive Proteins and Methods		15-Mar-13	
28411-23861/IL	Charged Nutritive Proteins and Methods	ESS-007 IL	15-Mar-13	234621
28411-23861/IN	Charged Nutritive Proteins and Methods	ESS-007 IN	15-Mar-13	7740CHENP2014
28411-23861/JP	Charged Nutritive Proteins and Methods	ESS-007 JP	15-Mar-13	2015503331
28411-23861/MX	Charged Nutritive Proteins and Methods	ESS-007 MX	15-Mar-13	MXa2014011459
28411-23861/PCT	Charged Nutritive Proteins and Methods	ESS-007 WO	15-Mar-13	PCTUS2013032212
28411-23861/RU	Charged Nutritive Proteins and Methods	ESS-007 RU	15-Mar-13	2014143029
28411-23861/SG	Charged Nutritive Proteins and Methods	ESS-007 SG	15-Mar-13	11201405842P
28411-23861/US	Charged Nutritive Proteins and Methods	ESS-007 US1	15-Mar-13	13836855
28411-23862/CA	Nutritive Proteins and Methods	ESS-006 CA	15-Mar-13	2868477
28411-23862/EP	Nutritive Proteins and Methods	ESS-006 EP	15-Mar-13	137682704
28411-23862/JP	Nutritive Proteins and Methods	ESS-006 JP	15-Mar-13	2015503330
28411-23862/PCT	Nutritive Proteins and Methods	ESS-006 WO	15-Mar-13	PCTUS2013032206
28411-23863/US	Cyanobacterial Strains, Nucleic Acids, Proteins, and Expression Systems	ESS-005 PRO	4-Jan-12	61583068
28411-23864/US	Microorganisms and Methods for Producing Unsaturated Fatty Acids	ESS-004 PRO	14-Dec-11	61570774
28411-24529/US	Nutritive Polypeptides Having Modulated Alanine Content, and Methods of Production and Use Thereof	ESS-023 PRO	25-Sep-13	61882211
28411-24530/US	Nutritive Polypeptides Having Modulated Arginine Content, and Methods of Production and Use Thereof	ESS-024 PRO	25-Sep-13	61882214

28411-24531/US	Nutritive polypeptides having modulated asparagine content, and methods of production and use thereof	ESS-025 PRO	25-Sep-13	61882219
28411-24532/US	Nutritive polypeptides having modulated aspartic acid content, and methods of production and use thereof	ESS-026 PRO	25-Sep-13	61882220
28411-24533/US	Nutritive polypeptides having modulated cysteine content, and methods of production and use thereof	ESS-027 PRO	25-Sep-13	61882225
28411-24534/US	Nutritive polypeptides having modulated glutamine content, and methods of production and use thereof	ESS-028 PRO	25-Sep-13	61882229
28411-24535/US	Nutritive polypeptides having modulated glutamic acid content, and methods of production and use thereof	ESS-029 PRO	25-Sep-13	61882232
28411-24536/US	Nutritive polypeptides having modulated glycine content, and methods of production and use thereof	ESS-030 PRO	25-Sep-13	61882234
28411-24537/US	Nutritive polypeptides having modulated histidine content, and methods of production and use thereof	ESS-031 PRO	25-Sep-13	61882235
28411-24538/US	Nutritive polypeptides having modulated isolucine content, and methods of production and use thereof	ESS-032 PRO	25-Sep-13	61882240
28411-24539/US	Nutritive polypeptides having modulated leucine content, and methods of production and use thereof	ESS-033 PRO	25-Sep-13	61882129
28411-24540/US	Nutritive polypeptides having modulated lysine content, and methods of production and use thereof	ESS-034 PRO	25-Sep-13	61882243
28411-24541/US	Nutritive polypeptides having modulated methionine content, and methods of production and use thereof	ESS-035 PRO	25-Sep-13	61882246
28411-24542/US	Nutritive polypeptides having modulated phenylalanine content, and methods of production and use thereof	ESS-036 PRO	25-Sep-13	61882250
28411-24543/US	Nutritive polypeptides having modulated proline content, and methods of production and use thereof	ESS-037 PRO	25-Sep-13	61882254
28411-24544/US	Nutritive polypeptides having modulated serine content, and methods of production and use thereof	ESS-038 PRO	25-Sep-13	61882260
28411-24545/US	Nutritive polypeptides having modulated threonine content, and methods of production and use thereof	ESS-039 PRO	25-Sep-13	61882264
28411-24546/US	Nutritive polypeptides having modulated tryptophan content, and methods of production and use thereof	ESS-040 PRO	25-Sep-13	61882267
28411-24547/US	Nutritive polypeptides having modulated tyrosine content, and methods of production and use thereof	ESS-041 PRO	25-Sep-13	61882271
28411-24548/US	Nutritive polypeptides having modulated valine content, and methods of production and use thereof	ESS-042 PRO	25-Sep-13	61882274
28411-24549/US	Nutritive polypeptides having modulated alanine containing dipeptide content, and methods of production and use thereof	ESS-043 PRO	25-Sep-13	61882062
28411-24550/US	Nutritive polypeptides having modulated arginine containing dipeptide content, and methods of production and use thereof	ESS-044 PRO	25-Sep-13	61882063
28411-24551/US	Nutritive polypeptides having modulated asparagine containing dipeptide content, and methods of production and use thereof	ESS-045 PRO	25-Sep-13	61882065
28411-24552/US	Nutritive polypeptides having modulated aspartic acid containing dipeptide content, and methods of production and use thereof	ESS-046 PRO	25-Sep-13	61882066
28411-24553/US	Nutritive polypeptides having modulated cysteine containing dipeptide content, and methods of production and use thereof	ESS-047 PRO	25-Sep-13	61882067

28411-24554/US	Nutritive polypeptides having modulated glutamine containing dipeptide content, and methods of production and use thereof	ESS-048 PRO	25-Sep-13	61882068
28411-24555/US	Nutritive polypeptides having modulated glutamic acid containing dipeptide content, and methods of production and use thereof	ESS-049 PRO	25-Sep-13	61882069
28411-24556/US	Nutritive polypeptides having modulated glycine containing dipeptide content, and methods of production and use thereof	ESS-050 PRO	25-Sep-13	61882070
28411-24557/US	Nutritive polypeptides having modulated histidine containing dipeptide content, and methods of production and use thereof	ESS-051 PRO	25-Sep-13	61882072
28411-24558/US	Nutritive polypeptides having modulated isolucine containing dipeptide content, and methods of production and use thereof	ESS-052 PRO	25-Sep-13	61882074
28411-24559/US	Nutritive Polypeptides Having Modulated Leucine Containing Dipeptide Content, and Methods of Production and Use Thereof	ESS-053 PRO	25-Sep-13	61882029
28411-24560/US	Nutritive polypeptides having modulated lysine containing dipeptide content, and methods of production and use thereof	ESS-054 PRO	25-Sep-13	61882078
28411-24561/US	Nutritive polypeptides having modulated methionine containing dipeptide content, and methods of production and use thereof	ESS-055 PRO	25-Sep-13	61882079
28411-24562/US	Nutritive polypeptides having modulated phenylalanine containing dipeptide content, and methods of production and use thereof	ESS-056 PRO	25-Sep-13	61882080
28411-24563/US	Nutritive polypeptides having modulated proline containing dipeptide content, and methods of production and use thereof	ESS-057 PRO	25-Sep-13	61882082
28411-24564/US	Nutritive Polypeptides Having Modulated Serine Containing Dipeptide Content, and Methods of Production and Use Thereof	ESS-058 PRO	25-Sep-13	61882086
28411-24565/US	Nutritive Polypeptides Having Modulated Threonine Containing Dipeptide Content, and Methods of Production and Use Thereof	ESS-059 PRO	25-Sep-13	61882087
28411-24566/US	Nutritive Polypeptides Having Modulated Tryptophan Containing Dipeptide Content, and Methods of Production and Use Thereof	ESS-060 PRO	25-Sep-13	61882088
28411-24567/US	Nutritive Polypeptides Having Modulated Tyrosine Containing Dipeptide Content, and Methods of Production and Use Thereof	ESS-061 PRO	25-Sep-13	61882090
28411-24568/US	Nutritive Polypeptides Having Modulated Valine Containing Dipeptide Content, and Methods of Production and Use Thereof	ESS-062 PRO	25-Sep-13	61882092
28411-24569/US	Secreted Nutritive Polypeptides and Formulations Thereof, and Method of Production and Use Thereof	ESS-063 PRO	25-Sep-13	61882180
28411-24570/US	Secreted Nutritive Polypeptides and Formulations Thereof, and Method of Production and Use Thereof	ESS-064 PRO	25-Sep-13	61882189
28411-24571/US	Isolated human food polypeptides and methods of production and use thereof	ESS-065 PRO	25-Sep-13	61882198
28411-24572/US	Compositions and Formulations for Nutrition and Methods of Production and Use Thereof	ESS-066 PRO	25-Sep-13	61882212

28411-24573/US	Compositions and Formulations for Nutrition and Methods of Production and use Thereof	ESS-067 PRO	25-Sep-13	61882222
28411-24574/US	Compositions and formulations for non-human nutrition and methods of production and use thereof	ESS-068 PRO	25-Sep-13	61882233
28411-24575/US	Charged and charge-modified nutritive polypeptides, and methods of production and use thereof	ESS-069 PRO	25-Sep-13	61882239
28411-24576/US	Expressed nutritive glycopolypeptides and methods of production and use thereof	ESS-070 PRO	25-Sep-13	61882300
28411-24577/US	Compositions and formulations for nutrition depleted of anti- nutritive factors and anti-nutritive sequences, and methods of use thereof	ESS-071 PRO	25-Sep-13	61882295
28411-24578/US	Nutritive polypeptides with modulated viscosity and methods of production and use thereof	ESS-072 PRO	25-Sep-13	61882305
28411-24580/US	Therapeutic Nutritive Polypeptide Formulations and Methods of Production and Use Thereof	ESS-073 PRO	25-Sep-13	61882335
28411-24705/US	Production Systems, and Methods of Manufacture and Use Thereof	ESS-074 PRO	10-Oct-13	61889205
28411-25045/PCT	Engineered Secreted Proteins and Methods	ESS-015WO	20-Nov-13	PCTUS2013071091
28411-25047/US	Engineered Secreted Proteins and Methods	ESS-075 PRO	20-Nov-13	61906862
28411-26118/PCT	Formulations Comprising Nutritive Polypeptides and Methods for Treating Cachexia, Sarcopenia and Muscle Atrophy	ESS-020 WO	26-Feb-14	PCTU52014018807
28411-26373/US (T)	Charged Nutritive Proteins and Methods	ESS-007 US2	19-Mar-14	14219943
28411-27119/US (T)	Microorganisms, Compositions, and Methods for Producing Fatty Acids	ESS-003 US 2	18-Jul-14	14335071
28411-27336/US (T)	Charged Nutritive Proteins and Methods	ESS-007 US3	22-Jul-14	14337563
28411-27351/US (T)	Nutritive Fragments, Proteins and Methods	ESS-008 US1	15-Mar-13	14374127
28411-27586/US	Nutritive Polypeptides Having Modulated Serine Content and Methods of Production and Use Thereof	ESS-076 PRO	18-Aug-14	62038766
28411-27800/US (T)	Nutritive Proteins and Methods	ESS-006 US1	15-Mar-13	14387675
28411-27801/US (T)	Charged Nutritive Fragments, Proteins and Methods	ESS-009 US1	15-Mar-13	14387677
28411-27802/US (T)	Nutritive Fragments and Proteins with Low or No Phenylalanine and Methods	ESS-011 US1	15-Mar-13	14387679
28411-27803/US (T)	Nutritive Fragments, Proteins and Methods	ESS-016 US1	15-Mar-13	14387684
28411-27855/PCT	Secreted Nutritive Polypeptides and Formulations Thereof, and Method of Production and Use Thereof	ESS-063 WO	25-Sep-14	PCTUS2014057526
28411-27856/PCT	Nutritive Polypeptides and Formulations Thereof, and Method of Production and Use Thereof	ESS-064 WO	25-Sep-14	PCTUS2014057527
28411-27857/PCT	Edible Species Nutritive Polypeptides and Methods of Production and Use Thereof	ESS-065 WO	25-Sep-14	PCTUS2014057528
28411-27858/PCT	Compositions and Formulations for Non-Human Nutrition and Methods of Production and Use Thereof	ESS-068 WO	25-Sep-14	PCTUS2014057533
28411-27859/PCT	Compositions and Formulations for Treatment of Gastrointestinal Tract Malabsorption Diseases and Inflammatory Conditions and Methods of Production and Use Thereof	ESS-077 WO	25-Sep-14	PCTUS2014057534
28411-27860/PCT	Compositions and Formulations for Maintaining and Increasing Muscle Mass, Strength, and Performance and Methods of Production and Use Thereof	ESS-078 WO	25-Sep-14	PCTUS2014057537
28411-27861/PCT	Compositions and Formulations for Prevention and Reduction of Tumorigenesis, Cancer Cell Proliferation and Invasion, and Methods of Production and Use Thereof in Cancer Treatment	ESS-079 WO	25-Sep-14	PCTUS2014057542

28411-27862/PCT	Compositions and Formulations for Prevention and Treatment of Diabetes and Obesity, and Methods of Production and Use Thereof in Glucose and Caloric Control	ESS-080 WO	25-Sep-14	PCTUS2014057543
28411-27863/PCT	Compositions and Formulations for Increasing Renal Function and Treatment and Prevention of Renal Diseases, and Methods of Production and Use Thereof	ESS-081 WO	25-Sep-14	PCTUS2014057546
28411-27926/PCT	Nutritive Polypeptide Production Systems, and Methods of Manufacture and Use Thereof	ESS-074 WO	9-Oct-14	PCTUS2014059923
28411-28617/US	ESS-084PRO: Polypeptide Compositions and Formulations for Restoration of Amino Acid Homeostasis, Treatment of Diseases and Conditions by Modulation of Autophagy and Methods of Production Thereof	ESS-084PRO	9-Jan-15	62101879

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