

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

EPAS ID: PAT4038722

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	INTELLECTUAL PROPERTY SECURITY AGREEMENT

**CONVEYING PARTY DATA**

Name	Execution Date
EDENIQ, INC.	09/01/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	TRINITY CAPITAL FUND II, L.P., AS COLLATERAL AGENT
<b>Street Address:</b>	2121 WEST CHANDLER BOULEVARD, SUITE 103
<b>City:</b>	CHANDLER
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85224

**PROPERTY NUMBERS Total: 16**

Property Type	Number
Patent Number:	8563272
Patent Number:	8563282
Application Number:	14040356
Application Number:	14189487
Patent Number:	8686123
Patent Number:	9085781
Application Number:	14654411
Application Number:	14775588
Application Number:	14211450
Application Number:	14637157
Application Number:	14907212
Application Number:	15022903
Application Number:	62139554
Patent Number:	8236977
Patent Number:	8609874
Patent Number:	9169498

**CORRESPONDENCE DATA**

Fax Number: (213)891-8763

*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.*

**PATENT**

**Email:** rhonda.deleon@lw.com  
**Correspondent Name:** LATHAM & WATKINS LLP  
**Address Line 1:** 355 SOUTH GRAND AVENUE  
**Address Line 4:** LOS ANGELES, CALIFORNIA 90071-1560

**ATTORNEY DOCKET NUMBER:** 058488-0005

**NAME OF SUBMITTER:** RHONDA DELEON

**SIGNATURE:** /Rhonda DeLeon/

**DATE SIGNED:** 09/06/2016

**Total Attachments: 15**

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**SECURED PARTIES ARE EACH PARTY TO (1) A SUBORDINATION AGREEMENT WITH WESTERN ALLIANCE BANK (F/K/A BRIDGE BANK, NATIONAL ASSOCIATION) AND (2) A SUBORDINATION AGREEMENT WITH TRINITY CAPITAL FUND II, L.P., (INDIVIDUALLY AND COLLECTIVELY, THE “SUBORDINATION AGREEMENT”) AND ENFORCEMENT OF THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT AND PAYMENT OF THE NOTES IS SUBJECT TO EACH SUCH SUBORDINATION AGREEMENT.**

### **INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of September 1, 2016 (the “Agreement”) between TRINITY CAPITAL FUND II, L.P., as collateral agent on behalf of the Secured Parties (together with its successors and assigns in such capacity, “Collateral Agent”) and EDENIQ, INC., a Delaware corporation (“Grantor”) is made with reference to (i) that certain Note Purchase Agreement among Debtor and each Secured Party dated as of September 1, 2016 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “NPA”), each Senior Secured Convertible Promissory Note issued by Debtor for the benefit of a Secured Party (each, a “Note” and collectively, the “Notes”) and (iii) that certain Security Agreement among Debtor, Collateral Agent, and each other Secured Party that is or may become parties thereto from time to time, dated as of September 1, 2016 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement” and together with the NPA, the Notes and the other Transaction Documents, the “Note Documents”). Terms defined in the applicable Note Document have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Note Documents, Grantor grants to Collateral Agent a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the “Intellectual Property Collateral”):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the “Copyrights”), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks (collectively, the “Trademarks”), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the “Patents”), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the “Mask Works”);

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding the foregoing, the Intellectual Property Collateral does not include any Excluded Property.

The rights and remedies of Collateral Agent with respect to the security interests granted hereunder are in addition to those set forth in the Note Documents, and those which are now or hereafter available to Collateral Agent as a matter of law or equity. Each right, power and remedy of Collateral Agent provided for herein or in the Note Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Collateral Agent of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Collateral Agent of any other rights, powers or remedies.

***[Balance of Page Intentionally Left Blank]***

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

**GRANTOR:**

EDENIQ, INC.

By: \_\_\_\_\_

Name: Brian D. Thome

Title: President and CEO

Address for Notices:

Attn: CEO and CFO  
2505 North Shirk road  
Visalia, CA 93291  
Fax: (559) 302-1778

**COLLATERAL AGENT:**

TRINITY CAPITAL FUND II, L.P., as

Collateral Agent

By: Trinity SBIC Partners II, LLC, Its General Partner

By: Trinity SBIC Management, Inc., Its Manager

By: \_\_\_\_\_

Name: Alex Erhart

Its: Partner

Address for Notices:

Attn:  
2121 West Chandler Boulevard, Suite 103,  
Chandler, Arizona 85224  
Fax: (480) 247-5099

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

**GRANTOR:**

EDENIQ, INC.

By: \_\_\_\_\_

Name: Brian D. Thome

Title: President and CEO

Address for Notices:

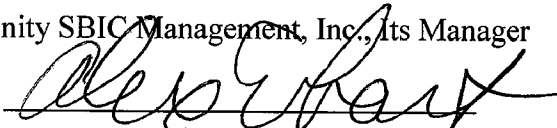
Attn: CEO and CFO  
2505 North Shirk road  
Visalia, CA 93291  
Fax: (559) 302-1778

**COLLATERAL AGENT:**

TRINITY CAPITAL FUND II, L.P., as  
Collateral Agent

By: Trinity SBIC Partners II, LLC, Its General  
Partner

By: Trinity SBIC Management, Inc., Its Manager

By:  \_\_\_\_\_

Name: Alex Erhart

Its: Partner

Address for Notices:

Attn:  
2121 West Chandler Boulevard, Suite 103,  
Chandler, Arizona 85224  
Fax: (480) 247-5099

EXHIBIT A

Copyrights

None.

EXHIBIT B  
Trademarks

Mark	Country File No.	Status	Serial No Filing Date	Reg. No. Reg. Date	Class/Description
CELLUNATOR	United States of America 091997-0949593	Pending	86688189 Jul 9, 2015		07 Machines for the fuel production industry; namely, machines for milling and mixing feedstocks for producing sugars.
CHANGING ENERGY	Brazil 091997-0761180	Published	829998551 Nov 27, 2008		42
CHANGING ENERGY	Canada 091997-0761181	Registered	1417894 Nov 12, 2008	TMA825940 Jun 8, 2012	00 Fermentation of corn to produce ethanol for others; development and production of bio-fuels and alternative fuels; consulting in the field of bio-fuels and alternative fuels.
DESIGN (TREE & DNA STRAND)	Brazil 091997-0761174	Registered	830004157 Dec 5, 2008	830004157 May 20, 2014	42 Ethanol fermentation processes; development and production of bio-fuels and alternative fuels; consulting in the field of bio-fuels and alternative fuels.
DESIGN (TREE & DNA STRAND)	China 091997-0761176	Registered	7090649 Dec 2, 2008	7090649 Nov 7, 2010	42 Development of bi-fuels and alternative fuels (research in the field of energy-saving); research and development of bi-fuels and alternative fuels (research in the field of environmental protection); technical research consultation in the field of bio-fuels and alternative fuels (consultation in the field of energy-saving); technical research consultation in the field of bio-fuels and alternative fuels (consultation in the field of environmental protection).



Mark	Country File No.	Status	Serial No Filing Date	Reg. No. Reg. Date	Class/Description
EDENIQ	Brazil 091997-0761184	Registered	829998560 Nov 27, 2008	829998560 Jul 22, 2014	42 Development of biofuels and alternative fuels and consultancy services in the field of biofuels and alternative fuels research and development services.
EDENIQ	Canada 091997-0761185	Registered	1417893 Nov 12, 2008	TMA825939 Jun 8, 2012	Fermentation of corn to produce ethanol for others; development and production of bio-fuels and alternative fuels; consulting in the field of bio-fuels and alternative fuels.
EDENIQ	China 091997-0761186	Registered	7090651 Dec 2, 2008	7090651 Nov 7, 2010	42 Development of bi-fuels and alternative fuels (research in the field of energy-saving); research and development of bi-fuels and alternative fuels (research in the field of environmental protection); technical research consultation in the field of bio-fuels and alternative fuels (consultation in the field of energy-saving); technical research consultation in the field of bio-fuels and alternative fuels (consultation in the field of environmental protection).
EDENIQ	United States of America 091997-0761187	Registered	77529691 Jul 23, 2008	3740790 Jan 19, 2010	40 Fermentation of corn to produce ethanol for others; production of bio-fuels and alternative fuels for others; consulting in the field of bio-fuel and alternative fuel production.
EDENIQ (and design)	Canada 091997-0858222	Registered	1603193 Nov 20, 2012	TMA922030 Dec 2, 2015	Consulting in the field of bio-fuel and alternative fuel production.
EDENIQ (and design)	United States of America 091997-0840570	Registered	85634707 May 24, 2012	4649584 Dec 2, 2014	40 Fermentation of corn to produce ethanol for others; production of bio-fuels and alternative fuels for others; consulting in the field of bio-fuel and alternative fuel production.

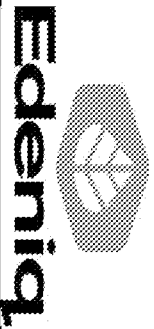


EXHIBIT C  
Patents

File Number / Country IP Family Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
<b>CELLULOSIC YEAST</b>						
091997- 0796460/US 000110US	CELLULOSIC PROTEIN EXPRESSION IN YEAST	Adriano, III Galvez Glenn Richards	13/000,919 8/28/09	8,563,272 10/22/13	US-2011- 0177560-A1 7/21/11	Issued  1 <sup>st</sup> Maintenance Fee Due 4/22/17  Open: Docket Items
<b>CELLUNATOR</b>						
091997- 0797943/BR 001110BR	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	PI 0917145-2 8/28/09			Published - Annuity Due 8/26/16  Open: Docket Items
091997- 0797944/CA 001110CA	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	2,735,213 8/28/09			Abandoned -
091997- 0797945/CN 001110CN	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	200980142544.9 8/28/09	ZL 200980142544.9 9/9/15	CN 102208271A 9/28/11	Granted Annuity Due 8/5/16  Open: Docket Items
091997- 0953557/CN 001112CN	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	201510474338.5 8/28/09		CN 105063116 A 11/18/15	Published-

File Number / Country P. Filing Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
091997-0797947/IN 001110IN	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	1893/CHENP2011 8/26/09			Pending -
091997-0801166/WO 001110PC	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	PCT/US2009/055018 8/26/09		WO 2010/025171 3/4/10	National Stages Pending-
091997-0772998/US 001110US	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	12/547,830 8/26/09	8,563,282 10/22/13	US 2010/0055741 A1 3/4/10	Issued 1 <sup>st</sup> Maintenance Fee Due 4/22/17 Open: Docket Items
091997-0888870/US 001120US	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	14/040,356 9/27/13		US 2014/0024084 A1 1/23/14	Published - under Examination Resp. to Office Action Due (initial) Resp. to final Office Action Due (final) 10/1/16 1/1/17 Open: Docket Items Open: Docket Items
091997-0890238/US 001130US	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	14/189,487 2/25/14		US 2014- 0178946 A1 6/26/2014	Published - under Examination Resp. to final Office Action Due (2-mo. date) Resp. to final Office Action / Notice Of Appeal Due Resp. to final Office Action / Notice Of Appeal Due (final) 9/1/16 10/1/16 1/1/17 Open: Docket Items Open: Docket Items Open: Docket Items
<b>MANGANESE PEROXIDASE</b>						
091997-0823307/US 002010US	USE OF MANGANESE PEROXIDASE FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL	Chris DaCunha Adrian Galvez Michael Guerfni Mamaj Patel Ngim Ung-Ferrell Jennifer Headman	13/297,111 11/15/11	8,686,123 4/1/14	US 2012- 0149065 A1 6/14/12	Issued 1 <sup>st</sup> Maintenance Fee Due 10/1/17 Open: Docket Items
<b>HAA1</b>						

File Number / Country P. Filing Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
0930544 002510BR	IMPROVED ACETATE RESISTANCE IN YEAST BASED ON INTRODUCTION OF A MUTANT HAA1 ALLELE	Kenneth Zahn Sandra Jacobson	BR 11 2015 001458 5 7/22/13			Pending Request Examination Due; decision made to abandon 7/22/16 Open: Docket Items
091997- 0881141 002510PC	IMPROVED ACETATE RESISTANCE IN YEAST BASED ON INTRODUCTION OF A MUTANT HAA1 ALLELE	Kenneth Zahn Sandra Jacobson	PCT/US2013/051500 7/22/13		WO 2014/018450 1/30/14	National Stages Pending
091997- 0881143 002510US	IMPROVED ACETATE RESISTANCE IN YEAST BASED ON INTRODUCTION OF A MUTANT HAA1 ALLELE	Kenneth Zahn Sandra Jacobson	13,947,338 7/22/13	9,085,781 7/21/15	2014/0024095 A1 1/23/14	Issued 1 <sup>st</sup> Maintenance Fee Due (surcharge date) 1/22/19 Open: Docket Items
091997- 0896046/WO 002610PC	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kaemar Rich Kleinke Bernard Cooker Chris Kallinowski Jon Van Volkmunburg	PCT/US2013/077133 12/20/13		WO 2014/100685 6/26/14	Published – National Stages Pending
091997/ 002610BR	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kaemar Rich Kleinke Bernard Cooker Chris Kallinowski Jon Van Volkmunburg	BR 11 2015 014894 8 12/20/13			Pending – Request Examination Due 12/20/16 Open: Docket Items
091997- 0948336/CN 002610CN	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kaemar Rich Kleinke Bernard Cooker Chris Kallinowski Jon Van Volkmunburg	201380073420.6 12/20/13		CN 105008547 A 10/28/15	Published –
091997- 0948337/US 002610US	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kaemar Rich Kleinke Bernard Cooker Chris Kallinowski Jon Van Volkmunburg	14,654,411 6/19/15		US-2015- 0344921-A1 12/3/15	Published – not yet examined

File Number / Country P. Family Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
091997- 0903733/WO 002710PC	CELLULOSIC ENZYME RECYCLING FROM SELECTIVE SEPARATION OF SACCHARIFIED BIOMASS	Deepak Singh Sandra Jacobson David Reif Kris Ramos Prachand Shrestha	PCT/US2014/029032 3/14/14		WO 2014/144565 9/18/14	National Stages Pending
091997- 0956994/BR 002710BR	CELLULOSIC ENZYME RECYCLING FROM SELECTIVE SEPARATION OF SACCHARIFIED BIOMASS	Deepak Singh Sandra Jacobson David Reif Kris Ramos Prachand Shrestha	BR11201502332523/14/14			Pending Request Examination Due 5/14/17 Open: Docket Items
091997- 0956995/CN 002710CN	CELLULOSIC ENZYME RECYCLING FROM SELECTIVE SEPARATION OF SACCHARIFIED BIOMASS	Deepak Singh Sandra Jacobson David Reif Kris Ramos Prachand Shrestha	(tba) 3/14/14		CN 105229158 A 1/6/16	Pending
091997- 0957021/US 002710US	CELLULOSIC ENZYME RECYCLING FROM SELECTIVE SEPARATION OF SACCHARIFIED BIOMASS	Deepak Singh Sandra Jacobson David Reif Kris Ramos Prachand Shrestha	14/775,588 3/14/14		US-2016- 0032339-A1 2/4/16	Published -
091997- 0902612/US 002810US	IMPROVED CELLULOSE CO-FEED FOR DRY MILL CORN ETHANOL OPERATIONS	Richard Root Woods James Kachnar	14/211,450 3/14/14		US-2014- 0315259-A1 10/23/14	Published - under Examination Resp. to final Office Action Due 8/1/16 Open: Docket Items (2-mo. date) Resp. to final Office Action / Notice Of Appeal Due 9/1/16 Open: Docket Items Resp. to final Office Action / Notice Of Appeal Due (final) 12/1/16 Open: Docket Items

File Number / Country P. Family Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
091997- 0937307/US 002920US	METHOD FOR VISCOSITY REDUCTION IN CO- FERMENTATION ETHANOL PROCESSES	Kristofer Ramos Donna Santos Richard Root Woods	14/637,157 3/3/2015		US-2015- 0176034-A1 6/25/15	Published - under Examination  Resp. to final Office Action  Completed
091997- 0914518/WO 003010PC	POLYMERS IN BIOMASS SACCHARIFICATION BIOPROCESS	John Zhang Sandra Jacobson Kristofer Ramos Mriugesh Patel James Kacmar Daniel Michalopoulos	PCT/US2014/048003 7/24/14		WO 2015/013506 1/29/15	National Stages Pending  Pending Request Examination Due  Open: Dossier Items
091997- 0970842/CN 003010CN	POLYMERS IN BIOMASS SACCHARIFICATION BIOPROCESS	John Zhang Sandra Jacobson Kristofer Ramos Mriugesh Patel James Kacmar Daniel Michalopoulos	201480052349.8 7/24/14		US-2016- 0160252-A1 6/9/16	Published Response to Insufficient Fees Due (initial)  5/3/16  Completed
091997- 0969046/US 003010US	POLYMERS IN BIOMASS SACCHARIFICATION BIOPROCESS	John Zhang Sandra Jacobson Kristofer Ramos Mriugesh Patel James Kacmar Daniel Michalopoulos	14/907,212 1/22/16		US-2016- 0160252-A1 6/9/16	Published Response to Insufficient Fees Due (initial)  5/3/16  Completed
091997- 0919358/WO 003210PC	IMPROVED BETA- GLUCOSIDASE ENZYMES FOR INCREASED BIOMASS SACCHARIFICATION	Lan Sun Ngim Myu Ung Ferrell Deepak Singh Jennifer Headman Mei-Hua Chu Michael Guerini Sandra Jacobson	PCT/US2014/055927 9/16/14		WO 2015/042064 3/26/15	National Stages Entered 30 month National Stage 31 month National Stage  3/17/16 4/17/16  Completed Completed
091997- 1008188/CN 003210CN	IMPROVED BETA- GLUCOSIDASE ENZYMES FOR INCREASED BIOMASS SACCHARIFICATION	Lan Sun Ngim Myu Ung Ferrell Deepak Singh Jennifer Headman Mei-Hua Chu Michael Guerini Sandra Jacobson	201480062817.X 9/16/14			Pending Request Examination Due  9/17/16  Open: Dossier Items

File Number / Country P Family Number	Title	Inventors	App No. Filing Date	Pat No. Issue Date	Pub No. Pub Date	Status & Remarks
091997-1005415/US 003210US	IMPROVED BETA-GLUCOSIDASE ENZYMES FOR INCREASED BIOMASS SACCHARIFICATION	Lan Sun Ngim My Ung Ferrell Deepak Singh Jennifer Headman Mei-Hua Chiu Michael Guerini Sandra Jacobson	15/022,903 3/17/16			Pending
091997-0939498/US 003500US	HIGH-SOLIDS BIOMASS SLURRY GENERATION FOR ENHANCED EFFICIENCY HYDROLYSIS PROCESSING - AND EQUIPMENT DESIGN TO YIELD THE SAME	Jeffrey Charron Tom Griffin	62/139,554 3/27/15			Pending - Foreign/Counterpart Filing Non-Provisional Conversion Filing
091997-1006147/WO 003510PC	HIGH-SOLIDS BIOMASS SLURRY GENERATION FOR ENHANCED EFFICIENCY HYDROLYSIS PROCESSING - AND EQUIPMENT DESIGN TO YIELD THE SAME	Jeffrey Charron Tom Griffin	PCT/US2016/024344 3/29/16			Pending 30 month National Stage 31 month National Stage
092866-823764/EP 000120EP	IMPROVED RECOVERY OF DESIRED CO-PRODUCTS FROM FERMENTATION STILLAGE STREAMS	Vahik Krikorian Juston Smithers Richard Root Woods	10772671.3 5/4/10		2427420 3/14/12	Published - Annuity
092866-807257/US 000120US	IMPROVED RECOVERY OF DESIRED CO-PRODUCTS FROM FERMENTATION STILLAGE STREAMS	Richard Root Woods Vahik Krikorian Juston Smithers	13/164,088 5/4/10	8,236,977 8/7/12	US-2011-0275845-A1	Issued Maintenance Fees 8 <sup>th</sup> year (surcharge)
092866-844654/US 000130US	IMPROVED RECOVERY OF DESIRED CO-PRODUCTS FROM FERMENTATION STILLAGE STREAMS	Richard Root Woods Vahik Krikorian Juston Smithers	13/546,548 7/11/12	8,609,874 12/17/13	US-2013/0023862-A1 1/24/13	Issued Maintenance Fees 4 <sup>th</sup> year

File Number / Country P. Family Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
092868- 891701/US 000150US	RECOVERY OF DESIRED CO- PRODUCTS FROM FERMENTATION STILLAGE STREAMS	Richard Root Woods Vanik Kikorian Justin Smithers	14/071,404 11/4/13	9,169,498 10/27/15	US 2014- 0220650 A1 8/7/14	Issued Maintenance Fees 4 <sup>th</sup> year 4/28/19 Open: Docket Items



EXHIBIT D

Mask Works

None.