

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM421987

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	INTELLECTUAL PROPERTY SECURITY AGREEMENT		
SEQUENCE:	2		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
EDENIQ, INC.		12/23/2016	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	TRINITY CAPITAL FUND II, L.P.		
Street Address:	2121 West Chandler Boulevard, Suite 201		
City:	Chandler		
State/Country:	ARIZONA		
Postal Code:	85224		
Entity Type:	Limited Partnership: DELAWARE		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	3740790	EDENIQ	
Registration Number:	4649584	EDENIQ	
CORRESPONDENCE DATA			
Fax Number:	7147558290		
<i>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.</i>			
Phone:	714-540-1235		
Email:	ipdocket@lw.com		
Correspondent Name:	Latham & Watkins LLP		
Address Line 1:	650 Town Center Drive, Suite 2000		
Address Line 4:	Costa Mesa, CALIFORNIA 92626		
ATTORNEY DOCKET NUMBER:	058488-0005		
NAME OF SUBMITTER:	Anna T Kwan		
SIGNATURE:	/atk/		
DATE SIGNED:	03/31/2017		
Total Attachments: 14			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of December 23, 2016 (the “Agreement”) between TRINITY CAPITAL FUND II, L.P. (“Lender”) and EDENIQ, INC., a Delaware corporation (“Grantor”), is made with reference to (i) that certain Amended and Restated Loan and Security Agreement (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Loan Agreement”) and (ii) the other Loan Documents (as defined in the Loan Agreement). Terms defined in the applicable Loan 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 Loan Documents, Grantor grants to Lender a security interest in all right, title, and interest of Grantor, 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.

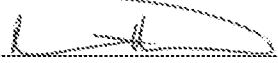
The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Loan Documents, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in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

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

GRANTOR:

EDENIQ, INC.

By: 

Name: Brian D. Thorne

Title: CEO and President

Address for Notices:

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

LENDER:

TRINITY CAPITAL FUND II, L.P.

By:

Name:

Title:

Address for Notices:

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

[SIGNATURE PAGE TO INTELLECTUAL PROPERTY SECURITY AGREEMENT]

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

GRANTOR:

EDENIQ, INC.

By: _____

Name: Brian D. Thorne

Title: CEO and President

Address for Notices:

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

LENDER:

TRINITY CAPITAL FUND II, L.P.

By: SLB

Name: Steven L. Brown

Title: Manager of the G.P.

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	42 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	40 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.

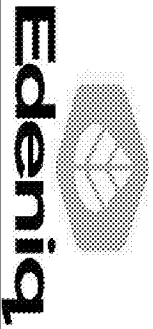


EXHIBIT C
Patents

File Number / Country IP Family Number	Title	Inventors	App No. Filing Date	Pat No. Issue Date	Pub No. Pub Date	Status & Remarks
CELLULOSE YEAST						
091997- 0796460/US 000110US	CELLULOSE PROTEIN EXPRESSION IN YEAST	Adriano, III Galvez Glenn Richards	13/000,919 6/28/09	8,563,272 10/22/13	US-2011- 0177560-A1 7/21/11	Issued 1 st Maintenance Fee Due 4/22/17
CELLULONATOR						
091997- 0797943/BR 001110BR	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	PI 0917145-2 8/28/09			Published -
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 102203271A 9/28/11	Granted
091997- 0953857/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. Family 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 8/28/09			Pending -
091997- 0801166/WO 001110PC	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	PCT/US2009/055018 8/28/09		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 8/28/09	8,563,282 10/22/13	US 2010/0055741 A1 3/4/10	Issued 1 st Maintenance Fee Due 4/22/17
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
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 6/28/2014	Abandoned
MANGANESE PEROXIDASE						
091997- 0825307/US 002010US	USE OF MANGANESE PEROXIDASE FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL	Chris DaCunha Adrian Galvez Michael Guerini Marol Patel Ngim Ung-Ferrell Jennifer Headman	13/297,111 11/15/11	8,566,123 4/1/14	US 2012- 0149065 A1 6/14/12	Issued 1 st Maintenance Fee Due 10/1/17
HAA1						
091997- 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			Abandoned

File Number / Country P Family Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
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 st Maintenance Fee Due (surcharge date) 1/22/19
091997- 0896046/WO 002610PC	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kacmar Rich Kleinke Bernard Cooker Chris Kallinowski Jon Van Volkinburg	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 Kacmar Rich Kleinke Bernard Cooker Chris Kallinowski Jon Van Volkinburg	BR 11 2015 014894 8 12/20/13			Pending – Request Examination Due 12/20/16
091997- 0948336/CN 002610CN	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kacmar Rich Kleinke Bernard Cooker Chris Kallinowski Jon Van Volkinburg	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 Kacmar Rich Kleinke Bernard Cooker Chris Kallinowski Jon Van Volkinburg	14,654,411 6/19/15		US-2015- 0344921-A1 12/3/15	Published – not yet examined
091997- 0903733/WO 002710PC	CELLULOSIC ENZYME RECYCLING FROM SELECTIVE SEPARATION OF SACCHARIFIED BIOMASS	Deepak Singh Sandra Jacobson David Reif Kris Ramme Prachand Shrestha	PCT/US2014/029032 3/14/14		WO 2014/144565 9/18/14	National Stages Pending

File Number / Country P Family Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
091997-0956994/BR 002710BR	CELLULOSIC ENZYME RECYCLING FROM SELECTIVE SEPARATION OF SACCHARIFIED BIOMASS	Deepak Singh Sandra Jacobson Kris Ramos Prachand Shrestha	BR11201502332523/14/14			Pending Request Examination Due 5/14/17
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	14/775,598 3/14/14		US-2016-0032339-A1 2/4/16	Published -
091997-0902512/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 - Likely will abandon Resp. to Non-final Office Action Due (2-mo. date) 12/29/16 Resp. to Non-final Office Action / Notice Of Appeal Due (final) 3/29/17
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

File Number / Country P Family Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
091997- 0914518/WO 003010PC	POLYMERS IN BIOMASS SACCHARIFICATION BIOPROCESS	John Zhang Sandra Jacobson Kristofer Ramos Mingest Patel James Kachal Daniel Michalopoulos	PCT/US2014/048003 7/24/14		WO 2015/013506 1/29/15	National Stages Pending
091997- 0970842/CN 003010CN	POLYMERS IN BIOMASS SACCHARIFICATION BIOPROCESS	John Zhang Sandra Jacobson Kristofer Ramos Mingest Patel James Kachal Daniel Michalopoulos	201480052349.8 7/24/14			Pending
091997- 0959046/US 003010US	POLYMERS IN BIOMASS SACCHARIFICATION BIOPROCESS	John Zhang Sandra Jacobson Kristofer Ramos Mingest Patel James Kachal Daniel Michalopoulos	14/907.212 1/22/16		US-2016- 0160252-A1 6/9/16	Published
091997- 0919358/WO 003210PC	IMPROVED BETA- GLUCOSIDASE ENZYMES FOR INCREASED BIOMASS SACCHARIFICATION	Lan Sun Ngim Myu Ung Ferrell Deepak Singh Jennifer Headman Mei-Hua Chiu Michael Guerini Sandra Jacobson	PCT/US2014/055927 9/16/14		WO 2015/042064 3/26/15	National Stages Entered
091997- 1008188/CN 003210CN	IMPROVED BETA- GLUCOSIDASE ENZYMES FOR INCREASED BIOMASS SACCHARIFICATION	Lan Sun Ngim Myu Ung Ferrell Deepak Singh Jennifer Headman Mei-Hua Chiu Michael Guerini Sandra Jacobson	201480062817.X 9/16/14			Pending
091997- 1005415/US 003210US	IMPROVED BETA- GLUCOSIDASE ENZYMES FOR INCREASED BIOMASS SACCHARIFICATION	Lan Sun Ngim Myu 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	Jeffrey Charon Tom Griffin	62/139.554 3/27/15			Pending -

File Number / Country P Family Number	Title	Inventors	App. No. Filing Date	Pat. No. Issue Date	Pub. No. Pub. Date	Status & Remarks
091997- 1006147/WO 003510PC	EQUIPMENT DESIGN TO YIELD THE SAME	Jeffrey Charon Tom Griffin	PCT/US2016/024344 3/25/16			Pending 30 month National Stage 31 month National Stage 10/27/17
092868- 823764/EP 000120EP	IMPROVED RECOVERY OF DESIRED CO- PRODUCTS FROM FERMENTATION STILLAGE STREAMS	Vanik Kirkorian Justin Smithers Richard Root Woods	10772671.3 5/4/10		2427420 3/14/12	Published - Annually 5/4/17
092868- 807257/US 000120US	IMPROVED RECOVERY OF DESIRED CO- PRODUCTS FROM FERMENTATION STILLAGE STREAMS	Richard Root Woods Vanik Kirkorian Justin Smithers	13/164,088 5/4/10	8,236,977 8/7/12	US-2011- 0275845-A1	Issued Maintenance Fees 6 th year (surcharge) 2/8/20
092868- 844654/US 000130US	IMPROVED RECOVERY OF DESIRED CO- PRODUCTS FROM FERMENTATION STILLAGE STREAMS	Richard Root Woods Vanik Kirkorian Justin Smithers	13/546,548 7/11/12	8,609,874 12/17/13	US- 2013/023862 A1 1/24/13	Issued Maintenance Fees 4 th year 6/17/17
092868- 891701/US 000150US	RECOVERY OF DESIRED CO- PRODUCTS FROM FERMENTATION STILLAGE STREAMS	Richard Root Woods Vanik Kirkorian 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 th year 4/28/19

EXHIBIT D

Mask Works

None.