

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM511877

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Western Alliance Bank (successor in interest to Bridge Bank, National Association)		12/23/2016	Corporation: ARIZONA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Edeniq, Inc.		
<b>Street Address:</b>	2505 N. Shirk Road		
<b>City:</b>	Visalia		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	93291		
<b>Entity Type:</b>	Corporation: DELAWARE		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	86688189	CELLUNATOR	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	2138918763		
<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>			
<b>Email:</b>	rhonda.deleon@lw.com		
<b>Correspondent Name:</b>	Latham & Watkins LLP		
<b>Address Line 1:</b>	355 South Grand Avenue		
<b>Address Line 4:</b>	Los Angeles, CALIFORNIA 90071-1560		
<b>ATTORNEY DOCKET NUMBER:</b>	058488-0005		
<b>NAME OF SUBMITTER:</b>	Rhonda DeLeon		
<b>SIGNATURE:</b>	/Rhonda DeLeon/		
<b>DATE SIGNED:</b>	02/27/2019		
<b>Total Attachments: 11</b>			
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**RELEASE OF SECURITY INTEREST IN  
INTELLECTUAL PROPERTY**

This RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY (the "Release"), dated as of December 23, 2016, is made by Western Alliance Bank, an Arizona corporation and successor in interest to Bridge Bank, National Association (the "Bank") in favor of Edeniq, Inc., a Delaware corporation, (the "Grantor"). Capitalized terms not otherwise defined herein have the meaning assigned to them in the Loan Agreement as referred to below.

**WITNESSETH**

WHEREAS, the Grantor and Bank entered into that certain Loan and Security Agreement, dated as of February 20, 2015 (as amended from time to time, the "Loan Agreement");

WHEREAS, pursuant to the Loan Agreement, the Grantor executed (i) the Intellectual Property Security Agreement dated as of February 20, 2015 (the "Intellectual Property Security Agreement") and recorded with the U.S. Patent and Trademark Office ("USPTO") on March 9, 2015 at Reel/Frame Nos. 5473/0842 and 35120/0276 and (ii) the Amended and Restated Intellectual Property Security Agreement dated as of September 7, 2016 (the "Amendment" and, together with the Intellectual Property Security Agreement, the "IP Agreements") and recorded with the USPTO on September 9, 2016 at Reel/Frame Nos. 5873/0312 and 39692/0840, pursuant to which the Grantor granted to the Bank a security interest in all of the Grantor's right, title, and interest in, to and under the Intellectual Property Collateral (as defined in each IP Agreement);

WHEREAS, as of the date hereof, all of the obligations secured by the security interests granted under the IP Agreements have been paid, performed, satisfied and discharged in full and, in connection therewith, the Grantor has requested that the Bank release its lien on and security interest in, all of its right, title and interest in, to and under the Intellectual Property Collateral.

NOW, THEREFORE, in consideration of the foregoing, the Bank hereby DISCHARGES, TERMINATES and RELEASES, without recourse, representation or warranty, its security interest in and to all of the Intellectual Property Collateral, including the trademark registrations, trademark applications, patents, and patent applications set forth in Schedule I attached hereto and incorporated herein by reference, and agrees that all the security interest in the Intellectual Property Collateral is hereby discharged, terminated and released. The undersigned hereby transfers and assigns to the Grantor, without recourse, representation or warranty, any and all right, title and interest that the Bank may have obtained in and to all of its Intellectual Property Collateral under the Loan Agreement.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Bank has caused this Release to be duly executed and delivered as of the date first written above.

**WESTERN ALLIANCE BANK,**  
as Bank



By: Ramona Valverde  
Name: RAMONA VALVERDE  
Title: VICE PRESIDENT



SCHEDULE I  
to  
RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

Copyrights

None.

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).
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).

Mark	Country File No.	Status	Serial No Filing Date	Reg. No. Reg. Date	Class/Description
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)  Edeniq	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)  Edeniq	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.

## Patents

File Number / Country P Family Number	Title	Inventors	App No. Filing Date	Pat No. Issue Date	Pub No. Pub Date	Status & Remarks
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### CELLULOSIC YEAST

091997- 0796460/US  001110US	CELLULOSIC PROTEIN EXPRESSION IN YEAST	Adriano, III Galvez Glenn Richards	13/000,919 6/26/09	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
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### CELLUNATOR

091997- 0797943/BR  001110BR	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	PI 0917145-2 8/26/09			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 8/26/09			Abandoned -
091997- 0797945/CN  001110CN	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	200980142544.9 8/26/09	ZL 200980142544.9 9/9/15	CN 102203271A 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 8/26/09		CN 105063116 A 11/18/15	Published-
091997- 0797947/IN  001110IN	MATERIALS AND METHODS FOR CONVERTING BIOMASS TO BIOFUEL	Adriano, III Galvez Glenn Richards	1893/CHENP/2011 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- 088870/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) 10/1/16 Open: Docket Items Resp. to Office Action Due (final) 1/1/17 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) 9/1/16 Open: Docket Items Resp. to final Office Action / Notice Of Appeal Due 10/1/16 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
						Resp. to final Office Action / Notice Of Appeal Due (final) 1/1/17 Open: Docket Items

**MANGANESE PEROXIDASE**

191997- 1825307/US  102010US	USE OF MANGANESE PEROXIDASE FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL	Chris DaCunha Adrian Galvez Michael Guerini Manoj 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
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HAA1

191997- 1930544  102510BR	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
191997- 1881141  102510PC	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
191997- 1881143  102510US	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

191997- 1896046/WO  102610PC	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kacmar Rich Kleinke Bernard Cooker Chris Kalinowski Jon Van Volkinburg	PCT/US2013/077133 12/20/13		WO 2014/100685 6/26/14	Published – National Stages Pending
191997/  102610BR	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kacmar Rich Kleinke Bernard Cooker Chris Kalinowski Jon Van Volkinburg	BR 11 2015 014894 8 12/20/13			Pending –  Request Examination Due 12/20/16 Open: Docket Items
191997- 1948336/CN  102610CN	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kacmar Rich Kleinke Bernard Cooker Chris Kalinowski Jon Van Volkinburg	201380073420.6 12/20/13		CN 105008547 A 10/28/15	Published –
191997- 1948337/US  102610US	ADVANCED AUGER AND FILTRATION SYSTEM FOR THE SACCHARIFICATION OF BIOMASS	James Kacmar Rich Kleinke Bernard Cooker Chris Kalinowski Jon Van Volkinburg	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
191997-1903733/WO 102710PC	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
191997-1956994/BR 102710BR	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
191997-1956995/CN 102710CN	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
191997-1957021/US 102710US	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 -
191997-1902512/US 102810US	IMPROVED CELLULOSE CO-FEED FOR DRY MILL CORN ETHANOL OPERATIONS	Richard Root Woods James Kacmar	14/211,450 3/14/14		US-2014-0315259-A1 10/23/14	Published - under Examination Resp. to final Office Action Due (2-mo. date) 8/1/16 Open: Docket Items 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
191997-1937307/US 102920US	METHOD FOR VISCOSITY REDUCTION IN CO-FERMENTATION ETHANOL PROCESSES	Kristoffer 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
191997-1914518/WO 103010PC	POLYMERS IN BIOMASS SACCHARIFICATION BIOPROCESS	John Zhang Sandra Jacobson Kristoffer Ramos Mrugesh Patel James Kacmar Daniel Michalopoulos	PCT/US2014/048003 7/24/14		WO 2015/013506 1/29/15	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
191997-1970842/CN 103010CN	POLYMERS IN BIOMASS SACCHARIFICATION BIOPROCESS	John Zhang Sandra Jacobson Kristoffer Ramos Mrugesh Patel James Kacmar Daniel Michalopoulos	201480052349.8 7/24/14			Pending  Request Examination Due 7/24/16 Open: Docket Items
191997-1969046/US 103010US	POLYMERS IN BIOMASS SACCHARIFICATION BIOPROCESS	John Zhang Sandra Jacobson Kristoffer Ramos Mrugesh 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
191997-1919358/WO 103210PC	IMPROVED BETA-GLUCOSIDASE ENZYMES FOR INCREASED BIOMASS SACCHARIFICATION	Lan Sun Ngim Muy 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 3/17/16 Completed  31 month National Stage 4/17/16 Completed
191997-1008188/CN 103210CN	IMPROVED BETA-GLUCOSIDASE ENZYMES FOR INCREASED BIOMASS SACCHARIFICATION	Lan Sun Ngim Muy 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: Docket Items
191997-1005415/US 103210US	IMPROVED BETA-GLUCOSIDASE ENZYMES FOR INCREASED BIOMASS SACCHARIFICATION	Lan Sun Ngim Muy Ung Ferrell Deepak Singh Jennifer Headman Mei-Hua Chu Michael Guerini Sandra Jacobson	15/022.903 3/17/16			Pending
191997-1939498/US 103500US	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 3/27/16 Completed  Non-Provisional Conversion Filing 3/27/16 Completed
191997-1006147/WO 103510PC	HIGH-SOLIDS BIOMASS SLURRY GENERATION FOR ENHANCED EFFICIENCY HYDROLYSIS PROCESSING - AND EQUIPMENT DESIGN TO YIELD THE SAME	Jeffrey Charron Tom Griffin	PCT/US2016/024344 3/25/16			Pending  30 month National Stage 9/27/17 Open: Docket Items  31 month National Stage 10/27/17 Open: Docket Items
192868-123764/EP 100120EP	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 5/4/17 Open: Docket Items
192868-107257/US 100120US	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) 2/8/20 Open: Docket Items

<i>File Number / Country P Family Number</i>	<i>Title</i>	<i>Inventors</i>	<i>App No. Filing Date</i>	<i>Pat No. Issue Date</i>	<i>Pub No. Pub Date</i>	<i>Status &amp; Remarks</i>
192868- 144654/US  100130US	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 6/17/17 Open: Docket Items
192868- 191701/US  100150US	RECOVERY OF DESIRED CO- PRODUCTS FROM FERMENTATION STILLAGE STREAMS	Richard Root Woods Vahik Krikorian Juston 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

Mask Works

None.