

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4081501

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
TRIPLEPOINT CAPITAL LLC		09/30/2016
RECEIVING PARTY DATA		
Name:	GEVO, INC.	
Street Address:	345 INVERNESS DRIVE SOUTH, BUILDING C, SUITE 310	
City:	ENGLEWOOD	
State/Country:	COLORADO	
Postal Code:	80112	
PROPERTY NUMBERS Total: 101		
Property Type	Number	
Application Number:	11383743	
Application Number:	11383748	
Application Number:	11383750	
Application Number:	11680685	
Application Number:	11795659	
Application Number:	11881748	
Application Number:	11949724	
Application Number:	11963542	
Application Number:	12106173	
Application Number:	12209127	
Application Number:	12240864	
Application Number:	12263436	
Application Number:	12263442	
Application Number:	12327723	
Application Number:	12342992	
Application Number:	12343375	
Application Number:	12371557	
Application Number:	12408647	
Application Number:	12610784	
Application Number:	12696645	

PATENT

Property Type	Number
Application Number:	12711919
Application Number:	12820505
Application Number:	12824050
Application Number:	12855276
Application Number:	12899285
Application Number:	12904947
Application Number:	12953884
Application Number:	12986918
Application Number:	13025801
Application Number:	13025805
Application Number:	13074907
Application Number:	13076284
Application Number:	13077170
Application Number:	13095255
Application Number:	13103812
Application Number:	13141648
Application Number:	13176452
Application Number:	13228342
Application Number:	13229438
Application Number:	13246693
Application Number:	13246718
Application Number:	13267771
Application Number:	13269457
Application Number:	13269937
Application Number:	13271084
Application Number:	13279166
Application Number:	13286741
Application Number:	13302775
Application Number:	13303884
Application Number:	13344460
Application Number:	13344464
Application Number:	13431532
Application Number:	13441459
Application Number:	13441468
Application Number:	13451026
Application Number:	13524949
Application Number:	13528106
Application Number:	13557066

Property Type	Number
Application Number:	13561560
Application Number:	13586599
Application Number:	13667721
Application Number:	13701247
Application Number:	13764308
Application Number:	13859903
Application Number:	13902119
Application Number:	13907394
Application Number:	14003534
Application Number:	14031400
Application Number:	14039500
Application Number:	61774872
Application Number:	61787823
Application Number:	61800051
Application Number:	07392095
Application Number:	07471673
Application Number:	08259560
Application Number:	08465927
Application Number:	08465931
Application Number:	08465986
Application Number:	08466460
Application Number:	08474333
Application Number:	09574873
Application Number:	09992430
Application Number:	10154460
Application Number:	10287564
Application Number:	10449911
Application Number:	10449978
Application Number:	10452038
Application Number:	10554887
Application Number:	11263496
Application Number:	11507289
Application Number:	11707188
Application Number:	11788839
Application Number:	12028727
Application Number:	12281286
Application Number:	12352133
Application Number:	12540334

Property Type	Number
Application Number:	12593842
Application Number:	13078128
Application Number:	13107881
Application Number:	13107882
Application Number:	14035238

CORRESPONDENCE DATA

Fax Number: (206)359-9000

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: 202-654-1737

Email: jnewmaker@perkinscoie.com

Correspondent Name: JANET L. NEWMAKER

Address Line 1: PERKINS COIE LLP

Address Line 2: P.O. BOX 1247

Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER: 120079-0002

NAME OF SUBMITTER: JANET NEWMAKER

SIGNATURE: /Janet Newmaker/

DATE SIGNED: 10/04/2016

Total Attachments: 26

source=120079-0002 - Gevo IP Release#page1.tif
source=120079-0002 - Gevo IP Release#page2.tif
source=120079-0002 - Gevo IP Release#page3.tif
source=120079-0002 - Gevo IP Release#page4.tif
source=120079-0002 - Gevo IP Release#page5.tif
source=120079-0002 - Gevo IP Release#page6.tif
source=120079-0002 - Gevo IP Release#page7.tif
source=120079-0002 - Gevo IP Release#page8.tif
source=120079-0002 - Gevo IP Release#page9.tif
source=120079-0002 - Gevo IP Release#page10.tif
source=120079-0002 - Gevo IP Release#page11.tif
source=120079-0002 - Gevo IP Release#page12.tif
source=120079-0002 - Gevo IP Release#page13.tif
source=120079-0002 - Gevo IP Release#page14.tif
source=120079-0002 - Gevo IP Release#page15.tif
source=120079-0002 - Gevo IP Release#page16.tif
source=120079-0002 - Gevo IP Release#page17.tif
source=120079-0002 - Gevo IP Release#page18.tif
source=120079-0002 - Gevo IP Release#page19.tif
source=120079-0002 - Gevo IP Release#page20.tif
source=120079-0002 - Gevo IP Release#page21.tif
source=120079-0002 - Gevo IP Release#page22.tif

source=120079-0002 - Gevo IP Release#page23.tif

source=120079-0002 - Gevo IP Release#page24.tif

source=120079-0002 - Gevo IP Release#page25.tif

source=120079-0002 - Gevo IP Release#page26.tif

RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of September 30, 2016 by TriplePoint Capital LLC ("Lender") in favor of Gevo, Inc. ("Company").

RECITAL

WHEREAS Company granted to Lender a security interest in the Intellectual Property Collateral (as defined in the Security Agreement) under a Plain English Intellectual Property Security Agreement dated as of December 11, 2013 (the "Security Agreement") attached hereto as Exhibit 1, and recorded with: (a) the United States Patent and Trademark Office on December 18, 2013 at Reel 005176, Frame 0540; (b) the United States Patent and Trademark Office on December 18, 2013 at Reel 031847, Frame 0342; (c) the United States Patent and Trademark Office on January 15, 2014 at Reel 032035, Frame 0973; (d) the United States Patent and Trademark Office on January 23, 2014 at Reel 032123, Frame 0844; (e) the United States Patent and Trademark Office on January 23, 2014 at Reel 032161, Frame 0717; and, (f) the United States Copyright Office on December 20, 2013, Document Number V9907D625, Entire Copyright Document V9907 D625 P1-5 (such notices of recordation attached hereto as Exhibit 2).

WHEREAS Company has no outstanding obligations to Lender under the terms of the Security Agreement, Lender agrees to release its security interest in the Intellectual Property Collateral.

AGREEMENT

Now therefore, in consideration of the premises and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged:

- 1) Lender hereby terminates, cancels, discharges and releases its security interest in all of the Intellectual Property Collateral secured by the Security Agreement and reassigns, transfers, conveys, and delivers to Company, without warranty or recourse, all right, title or interest, of Lender in, to or under, the Intellectual Property Collateral.
- 2) Lender acknowledges that this document may be filed along with any other necessary documentation with the United States Patent and Trademark Office, the United States Copyright Office or any other domestic or foreign governmental office to evidence the release granted herein.

LENDER:

TRIPLEPOINT CAPITAL LLC

By: 

Name: Kevin W. Thorne

Title: SVP Compliance & Legal Administration
2755 Sand Hill Road, Suite 150
Menlo Park, CA 94025
T: (650) 233-2107

EXHIBIT I

PLAIN ENGLISH INTELLECTUAL PROPERTY SECURITY AGREEMENT

This is a Plain English Intellectual Property Security Agreement dated December 11, 2013 (this "Agreement"), by and between TRIPLEPOINT CAPITAL LLC, a Delaware limited liability company, and GEVO, INC., a Delaware corporation ("Gevo").

The words "We", "Us", or "Our", refer to the grantee, which is TriplePoint Capital LLC. The words "You" or "Your" refers to the grantor, which is Gevo and not any individual. The words "the Parties" refers to both TriplePoint Capital LLC and Gevo.

The Parties have entered into that certain Fourth Amendment to Plain English Security Agreement dated as of the date hereof (the "Fourth Amendment"), and it is a condition to the effectiveness of the Fourth Amendment that Gevo grant to Us a lien on and a security interest (subject only to Permitted Liens) in the below-defined Intellectual Property Collateral.

In consideration for the mutual covenants and agreements contained in the Fourth Amendment and the Guaranty (as defined below) and this Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are acknowledged, the Parties agree as follows:

1. GRANT OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

You grant to Us a lien upon and continuing security interest in (subject only to Permitted Liens) all of Your right, title, and interest in, to and under all of the following (all of the following items of property collectively will be referred to as the "Intellectual Property Collateral"), whether now existing or hereafter arising or acquired:

- ⇒ All registered Intellectual Property listed on Schedules A, B and C hereto, other than any intent-to-use trademark applications unless and until a statement of use or amendment to allege use is filed and accepted by the United States Patent and Trademark Office or any other filing is made or circumstances otherwise change so that the interests of Gevo in such trademarks are no longer on an "intent-to-use" basis, at which time such trademarks shall automatically and without further action by the parties be subject to the security interest granted by Gevo to Us hereunder, and
- ⇒ any and all Proceeds of the foregoing. Notwithstanding anything contained in this Agreement to the contrary, the term "Intellectual Property Collateral" shall not include any assets or property that are excluded from the definition of Collateral by operation of the last paragraph of Section 2 of the Security Agreement.

You represent and warrant to Us that, as of the date hereof, Schedules A, B, and C attached hereto set forth any and all Intellectual Property that You have registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

2. LOAN AGREEMENT

The security interest that is granted pursuant to this Agreement secures the Secured Obligations whether now existing or arising hereafter. All the capitalized terms used but not otherwise defined are used in this Agreement with the same meaning as defined in that certain Plain English Continuing Guaranty dated as of September 22, 2010, between You and Us, as amended by that certain Reaffirmation and Consent of Guarantor and First Amendment to Plain English Continuing Guaranty dated as of September 22, 2010, between You and Us (as may be further amended, modified, revised, supplemented, extended, restated or replaced from time to time, collectively, the "Guaranty").

3. OUR RIGHT TO SUE

DM_US 46910123-8.082853.0036

Upon the occurrence and during the continuance of an Event of Default, subject to the terms of the Plain English Security Agreement by and between Us and You dated as of September 22, 2010 (as may be further amended, modified, revised, supplemented, extended, restated or replaced from time to time, the "Security Agreement") and the Guaranty, We shall have the right, but shall in no way be obligated, to bring suit in Our own name to enforce Your rights in the Intellectual Property Collateral. If We commence any such suit, You shall, at the Our reasonable request, do all lawful acts and execute and deliver all proper documents or information that may be necessary or desirable to aid Us in such enforcement. You shall promptly, upon demand, reimburse and indemnify Us for all of Our costs and expenses, including reasonable attorneys' fees, related to Our exercise of the above mentioned rights after the occurrence and during the continuance of an Event of Default.

4. FURTHER ASSURANCES

You will from time to time execute, deliver and file, alone or with Us, any security agreements, or other documents that We may reasonably request in writing to perfect Our Lien on the Intellectual Property Collateral. You will from time to time obtain any instruments or documents as We may reasonably request in writing, and take all further action that may be reasonably necessary to carry out the provisions and purposes of this Agreement, the Security Agreement or the other Loan Documents to confirm, perfect, preserve and protect the Liens granted to Us under this Agreement, the Security Agreement or the other Loan Documents. Anything contained herein to the contrary notwithstanding, You shall only be required to make filings at the United States Patent and Trademark Office or United States Copyright Office that are necessary to perfect Our security interest in and to Intellectual Property Collateral and shall not be required to take perfection steps, or make filings, in jurisdictions outside of the United States with respect to Intellectual Property Collateral.

5. MODIFICATION

This Agreement can only be altered, amended or modified in a writing signed by the Parties.

6. BINDING EFFECT; REMEDIES NOT EXCLUSIVE

This Agreement shall be binding upon You and Your respective successors and assigns, and shall inure to the benefit of Us, and Our nominees and assigns permitted under the Loan Agreement.

Our rights and remedies with respect to the Liens granted hereby are in addition to those set forth in the Security Agreement and the other Loan Documents, and those which are now or hereafter available to Us as a matter of law or equity. Each of Our rights, powers and remedies provided for herein or in the Security Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent to every right, power or remedy provided for herein and the exercise by Us of any one or more of the rights, powers or remedies provided for in this Agreement, the Security Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Us, of any or all other rights, powers or remedies.

7. GOVERNING LAW; COUNTERPARTS

This Agreement shall be deemed made and accepted in and shall be governed by and construed in accordance with the laws of the State of California, and (where applicable) the laws of the United States of America.

THIS AGREEMENT SHALL BE SUBJECT TO THE PROVISIONS REGARDING CONSENT TO JURISDICTION AND VENUE, MUTUAL WAIVER OF JURY TRIAL, AND JUDICIAL REFERENCE APPLICABLE TO THE LOAN AGREEMENT.

8. TERMINATION

Upon the consummation of any sale of the Intellectual Property Collateral to any third party pursuant to a transaction permitted by the Security Agreement or the other Loan Documents, the Lien granted hereby with respect to the Intellectual Property Collateral shall automatically terminate (but shall attach to the proceeds or products thereof to the extent such proceeds are part of the Intellectual Property Collateral or other Collateral) and We shall at the request and at the expense of You, provide evidence of such termination. Immediately upon the date that the Secured Obligations (other than unasserted contingent indemnification Secured Obligations) have been paid in full in Cash, (a) all of Your obligations under this Agreement, shall, without any other action, consent or notice, automatically terminate, and (b) We shall deliver to You the Intellectual Property Collateral subject to this Agreement and all instruments of assignment executed in connection therewith, if any, free and clear of the Liens hereof and, except as otherwise expressly provided herein, all of Your obligations (including, without limitation, the Secured Obligations) hereunder shall at such time automatically terminate. On and after the date that the Secured Obligations (other than unasserted contingent indemnification Secured Obligations) are paid in full, We will promptly execute release or other documents and We will file or authorize the filing of appropriate termination statements or other documents to terminate and reasonably evidence termination of such Lien, including UCC termination statements, releases for filing with the United States Patent and Trademark Office and/or U.S. Copyright Office and other documents, agreements and instruments as may be necessary or as You or We may from time to time reasonably request in connection with the release of the Liens and claims granted.

This Agreement may be executed and delivered by facsimile or transmitted electronically in either Tagged Image Format Files ("TIFF") or Portable Document Format ("PDF") and, upon such delivery, the facsimile, TIFF or PDF signature, as applicable, will be deemed to have the same effect as if the original signature had been delivered by You to Us.

(Signature Page to Follow)

IN WITNESS WHEREOF, You have duly executed this Agreement as of the date first set forth above.

Your:

GEVO, INC.

Signature:

Print Name:

Brett Lund

Title:

Chief Licensing Officer & General Counsel

[SIGNATURE PAGE TO PLAIN ENGLISH INTELLECTUAL PROPERTY SECURITY AGREEMENT]

PATENT

REEL: 040219 FRAME: 0187

SCHEDULE A

To Plain English Intellectual Property Security Agreement
by and between Gevo, Inc., as You (Grantor),
and TriplePoint Capital LLC, as Us (Grantee)

PATENTS; PATENT APPLICATIONS

Application No.	Patent No.	Filing Date/Application Date	Publication No.
OWNED BY GEVO			
11/383,743		May 16, 2006	US 2007/0243235 A1
11/383,748	7,309,602	May 16, 2006	US 2007/0243592 A1
11/383,750		May 16, 2006	US 2007/0244719 A1
11/680,685		March 1, 2007	US 2007/0275438 A1
11/795,659		April 5, 2007	US 2009/0291469 A1
11/881,748		July 27, 2007	US 2008/0293101 A1
11/949,724		Dec 3, 2007	US 2009/0153869 A1
11/963,542		Dec 21, 2007	US 2010/0062505 A1
12/106,173		April 18, 2008	US 2008/0293125 A1
12/209,127		Sept 11, 2008	US 2009/0006280 A1
12/240,864		Sept 29, 2008	US 2009/0239270 A1
12/263,436	8,431,374	Oct 31, 2008	US 2009/0226990 A1
12/263,442		Oct 31, 2008	US 2009/0315137 A1
12/327,723	8,193,402	Dec 3, 2008	US 2009/0299109 A1
12/342,992	8,101,808	Dec 23, 2008	US 2009/0171129 A1
12/343,375	8,017,375	Dec 23, 2008	US 2009/0226991 A1
12/371,557		Feb 13, 2009	US 2009/0246842 A1
12/408,647		Nov 5, 2009	US 2009/0274659 A1
12/610,784		Nov 2, 2009	US 2010/0143997 A1
12/696,645		Jan 29, 2010	US 2011/0183392 A1
12/711,919		Feb 24, 2010	US 2010/0216958 A1
12/820,505	8,455,239	June 22, 2010	US 2011/0020889 A1
12/824,050		June 25, 2010	US 2011/0124068 A1
12/855,276	8,232,089	Aug 12, 2010	US 2011/0076733 A1
12/899,285		Oct 6, 2010	US 2011/0087000 A1
12/904,947		Oct 14, 2010	US 2011/0223284 A1
12/953,884	8,017,376	Nov 24, 2010	US 2011/0183393 A1
12/986,918	8,450,543	Jan 7, 2011	US 2011/0172475 A1
13/025,801		Feb 11, 2011	US 2011/0201090 A1
13/025,803		Feb 11, 2011	US 2011/0201072 A1
13/074,907	8,133,715	March 29, 2011	US 2011/0275129 A1
13/076,284	8,158,404	March 30, 2011	US 2011/0236942 A1
13/077,170	8,153,415	March 31, 2011	US 2011/0201073 A1
13/095,255		April 27, 2011	US 2011/0269185 A1
13/103,812	8,373,012	May 9, 2011	US 2011/0288352 A1
13/141,648		June 22, 2011	US 2012/0045809 A1
13/176,452		July 5, 2011	US 2011/0287500 A1
13/228,342	8,071,358	Sept 8, 2011	
13/229,438		Sept 9, 2011	US 2011/0318799 A1
13/246,693	8,273,565	Sept 27, 2011	US 2012/0028322 A1
13/246,718		Sept 27, 2011	US 2012/0015417 A1

Application No.	Patent No.	Filing Date/Application Date	Publication No.
13/267,771		Oct 6, 2011	US 2012/0028323 A1
13/269,457		Oct 7, 2011	US 2012/0040080 A1
13/269,937	8,097,440	Oct 10, 2011	US 2012/0028324 A1
13/271,084		Oct 11, 2011	US 2012/0058532 A1
13/279,166		Oct 21, 2011	US 2012/0034666 A1
13/286,741		Nov 1, 2011	US 2012/0171741 A1
13/302,775		Nov 22, 2011	US 2012/0064590 A1
13/303,884		Nov 23, 2011	US 2012/0190089 A1
13/344,460	8,283,505	Jan 5, 2012	US 2012/0107890 A1
13/344,464	8,304,588	Jan 5, 2012	US 2012/0107981 A1
13/431,532		March 27, 2012	
13/441,459	8,378,160	April 6, 2012	US 2012/0238787 A1
13/441,468	8,546,627	April 6, 2012	US 2012/0259146 A1
13/451,036		April 19, 2012	US 2012/0271082 A1
13/524,949		June 15, 2012	US 2012/0322970 A1
13/528,106		June 20, 2012	US 2012/0288910 A1
13/537,066	8,487,149	July 24, 2012	US 2012/0323055 A1
13/561,560		July 30, 2012	
13/586,599		Aug 15, 2012	US 2013/0122561 A1
13/667,721		Nov 2, 2012	US 2013/0059370 A1
13/701,247		Nov 30, 2012	US 2013/0302868 A1
13/764,308		Feb 11, 2013	
13/859,803		April 10, 2013	US 2013/0273622 A1
13/902,119		May 24, 2013	US 2013/0261323 A1
13/907,394		May 31, 2013	US 2013/0252298 A1
14/003,534		Sept 6, 2013	
14/031,400		Sept 19, 2013	
14/039,500		Sept 27, 2013	
61/774,872		March 8, 2013	
61/787,823		March 15, 2013	
61/800,051		March 15, 2013	
LICENSED BY GEVO			
07/392,095	5,023,171	Aug 10, 1989	
07/471,673	5,422,267	Jan 24, 1990	
08/259,560	5,693,489	June 14, 1994	
08/465,927	5,919,651	June 6, 1995	
08/465,931	5,854,018	June 6, 1995	
08/465,986	5,856,123	June 6, 1995	
08/466,460	6,214,577	June 6, 1995	
08/474,333	5,618,676	June 7, 1995	
09/574,873	6,485,947	May 19, 2000	
09/992,430	7,109,010	Nov 23, 2001	US 2003/0166179 A1
10/154,460	7,141,410	May 23, 2002	US 2003/0190630 A1
10/287,564	7,229,805	Nov 4, 2002	US 2004/0029238 A1
10/449,911	7,232,664	May 30, 2003	US 2004/0043444 A1
10/449,978		May 30, 2003	US 2004/0029256 A1
10/452,038	7,534,597	May 30, 2003	US 2003/0228671 A1
10/554,887	7,943,366	May 3, 2004	US 2006/0234364 A1
11/263,498		Oct 31, 2005	US 2006/0110810 A1
11/507,289		Aug 21, 2006	US 2007/0092956 A1
11/707,188	7,939,298	Feb 14, 2007	US 2007/0148748 A1

Application No.	Patent No.	Filing Date/Application Date	Publication No.
11/788,839	7,700,332	April 20, 2007	
12/028,727		Feb 8, 2008	US 2009/0081746 A1
12/281,286		March 13, 2007	US 2009/0053782 A1
12/352,133		Jan 12, 2009	US 2010/0137551 A1
12/540,334		Aug 12, 2009	US 2010/0209986 A1
12/593,842		March 27, 2008	US 2010/0159546 A1
13/078,128		April 1, 2011	US 2011/0229873 A1
13/107,881	8,440,451	May 14, 2011	US 2011/0287505 A1
13/107,882		May 14, 2011	US 2011/0287506 A1
14/035,238		Sept 24, 2013	

Non-U.S. Patents & Applications

Country/ Jurisdiction	Application No.	Patent/Registration No.	Publication No.
OWNED BY GEVO			
AR	P070101580		
AU	2007238228		
AU	2008345126		
AU	2010265880		
AU	2010303461		
BR	PI0709946-0		
BR	PI0719748-9		
BR	PI0720566-0		
BR	PI0818305-8		
BR	PI0820026-2		
BR	PI0821519-7		
BR	PI0821685-1		
BR	PI0921734-7		
BR	PI1008287-5		
BR	BR1120120006592		
BR	BR1120120032410		
BR	BR1120120093851		
BR	BR1120120124927		
BR	BR1120120168835		
BR	BR1120120202618		
CA	2648934		
CA	2707306		
CA	2710359		
CA	2710856		
CA	2715092		
CA	2715093		
CA	2753037		
CA	2766170		
CA	2776177		
CA	2779262		
CA	2770842		
CA	2781131		
CA	2786607		
CA	2789583		

Country/ Jurisdiction	Application No.	Patent/Registration No.	Publication No.
CN	200780019160.9		
CN	200780050853.4		CN 101627109A
CN	200780051627.8		CN 101652482A
CN	200880126115.8		CN 101952398A
CN	200880127344.1		CN 101952448A
CN	200880127622.3		CN 101959568A
CN	201080037706.5		CN 102482689A
CN	201080050883.7		CN 102596886A
CN	201180011008.2		
CN	201180018728.1		CN 102869763A
CO	10-077.725		
CO	12-010.206		
CU	2010-0134		
DR	P2007000075		
EP	07760154.0		EP 2018174
EP	07871733.7	EP 2121949B1	EP 2121949
EP	07874335.8		EP 2102327
EP	08746347.7		EP 2147111
EP	08844864.2		EP 2215243
EP	08862156.0		EP 2225351
EP	08867473.4		EP 2235193
EP	08866430.5		EP 2238038
EP	09824214.2		EP 2346998
EP	10746767.2		EP 2401307
EP	10792562.0		EP 2446043
EP	10792762.6		EP 2446045
EP	10808746.1		EP 2464726
EP	10822609.3		EP 2485995
EP	10833900.3		EP 2504422
EP	11732230.6		EP 2521705
EP	11778493.4		EP 2566830
EP	11780955.8		EP 2534240
EP	12773992.8		
GB	GB0706778.8		
GB	GB1210047.5	GB2487889	
GB	GB1216235.0	GB2492267	
GB	GB1219684.6		
GB	GB1220508.4		
ID	W00 2010 02211		
ID	W00 2012 00166		
ID	W00 2012 03695		
IL	206658		
IN	4017/DELNP/2010		
IN	4548/DELNP/2010		
IN	4680/DELNP/2010		
IN	10126/DELNP/2011		
IN	3136/DELNP/2012		
IN	6832/DELNP/2012		
IN	7858/DELNP/2012		
JP	2010-537034		
JP	2010-539945		
JP	2010-540868		

Country/ Jurisdiction	Application No.	Patent/Registration No.	Publication No.
JP	2011-135019		
JP	2011-551312		
JP	2012-517799		
JP	2012-533280		
JP	2012-548174		
JP	2012-553020		
KR	10-2010-7014764		
KR	10-2010-7016863		
KR	10-2012-7002039		
KR	10-2012-7023730		
MX	MX/w/2010/007210	MX304602	
MX	MX/w/2012/000251		
MX	MX/w/2012/004155		
MX	MX/w/2012/009362		
MX	MX/w/2012/010155		
MY	PI 2010003057	MY	PI 2010003057
MY	PI 2011006256	MY	PI 2011006256
MY	PI 2012000574	MY	PI 2012000574
MY	PI 2012001500	MY	PI 2012001500
MY	PI 2012002306	MY	PI 2012002306
MY	PI 2012003097	MY	PI 2012003097
MY	PI 2012003621	MY	PI 2012003621
PE	PE45720	PE	PE45720
RU	2010131170		
RU	2012102626		
RU	2012138943		
SG	SG 201202392-5		
SG	SG 201203615-8		
SG	SG 201205013-4	SG182407	
SG	SG 201205984-6		
TH	TH 0801006727		
TH	TH 1101003851		
TH	TH 1201001610		
TH	TH 1201002412		
TH	TH 1201003407		
TH	TH 1201004118		
TW	TW 96113028		
TW	TW 101114015		
TW	TW 101114024		
TW	TW 101121437		
UA	201200785		
UA	202009295		
UY	UY 30286		
VN	1-2010-01947		
WO/PCT	PCT/US2007/017013		WO/2008/013996
WO/PCT	PCT/US2007/066024		WO/2007/121100
WO/PCT	PCT/US2007/086311		WO/2008/143704
WO/PCT	PCT/US2007/088705		WO/2008/080124
WO/PCT	PCT/US2008/060911		WO/2008/131286
WO/PCT	PCT/US2008/082159		WO/2009/039253
WO/PCT	PCT/US2008/082160		WO/2009/039254
WO/PCT	PCT/US2008/085423		WO/2009/079213

Country/ Jurisdiction	Application No.	Patent/Registration No.	Publication No.
WO/PCT	PCT/US2008/088187		WO/2009/086391
WO/PCT	PCT/US2008/088235		WO/2009/086423
WO/PCT	PCT/US2009/034152		WO/2009/103026
WO/PCT	PCT/US2009/062952		WO/2010/051527
WO/PCT	PCT/US2009/069390		WO/2010/075504
WO/PCT	PCT/US2010/025234		WO/2010/099201
WO/PCT	PCT/US2010/039447		WO/2010/151525
WO/PCT	PCT/US2010/040095		WO/2010/151832
WO/PCT	PCT/US2010/045295		WO/2011/019894
WO/PCT	PCT/US2010/051641		WO/2011/044243
WO/PCT	PCT/US2010/057957		WO/2011/066356
WO/PCT	PCT/US2011/020549		WO/2011/085223
WO/PCT	PCT/US2011/024482		WO/2011/142865
WO/PCT	PCT/US2011/035769		WO/2011/140560
WO/PCT	PCT/US2011/038566		WO/2011/153144
WO/PCT	PCT/US2011/049288		WO/2012/027642
WO/PCT	PCT/US2011/057299		WO/2012/071121
WO/PCT	PCT/US2011/058766		WO/2012/061372
WO/PCT	PCT/US2012/028460		WO/2012/122465
WO/PCT	PCT/US2012/034225		WO/2012/143495
WO/PCT	PCT/US2012/042624		WO/2013/048599
WO/PCT	PCT/US2012/044563		WO/2013/003545
WO/PCT	PCT/US2012/046185		WO/2013/009818
WO/PCT	PCT/US2012/048802		WO/2013/016724
WO/PCT	PCT/US2012/052669		WO/2013/033097
WO/PCT	PCT/US2012/056225		WO/2013/043801
WO/PCT	PCT/US2012/059214		
WO/PCT	PCT/IP2012/065320		WO/2012/173220
WO/PCT	PCT/US2013/036948		WO/2013/158749
WO/PCT	PCT/US2013/041064		WO/2013/173412
WO/PCT	PCT/US2013/047789		
WO/PCT	PCT/US2013/048460		
WO/PCT	PCT/US2013/053172		
ZA	ZA 2011/06167		
ZA	ZA 2012/02466	2012/02466	
ZA	ZA 2012/05877		
ZA	ZA 2012/06751		
LICENSED BY GEVO			
AR	55964		
AU	780135	AU 780135	
AU	4236724		
AU	2003240481		
AU	2003243366		
AU	2003251381		
AU	2006291566		
BR	409954		
BR	PI0115558-0		
BR	PI03114520		
BR	PI03114538		
BR	PI0405207-2		
CA	2374482		

Country/ Jurisdiction	Application No.	Patent/Registration No.	Publication No.
CA	2430270		
CA	2474152		
CA	2487116		
CA	2524387		
CA	2611028		
CA	2645361		
CA	2678261		
CN	257184		
CN	809206		
CN	1922198		
CN	3817291.7		
CN	3817294.1		
CN	11287824		
CN	200880009662.8		CN 101688175A
CN	02827492.X		
CN	03817295.X		
CZ	PV2001-4090		
EP	00932649.7	EP 1183385B1	EP 1183385
EP	01986480.0		EP 1339852
EP	02739336.2	EP 1474507 B1	EP 1474507
EP	03731489.5	EP 1513923 B1	EP 1513923
EP	03756237.8		EP 1513939
EP	03756356.6		EP 1513940
EP	04751126.6	EP 1626979 B1	EP 1626979
EP	06836073.4		EP 1885842
EP	07753081.6		EP 2001992
EP	08729470.8		EP 2118266
ID	W00 2009 02113		
JP	2000-620115		
JP	2002-545176		
JP	2003-550580		
JP	2004-510394		
JP	2004-510437		
JP	2004-510438		
JP	2006-525029		
JP	2008-514759		
MX	MX/a/2009/008416	MX303600	
MY	PI 2009003311		
WO/PCT	PCT/US2000/013907		WO/2000/071738
WO/PCT	PCT/US2001/044041		WO/2002/042471
WO/PCT	PCT/US2002/016223		WO/2003/049525
WO/PCT	PCT/US2003/016825		WO/2003/102200
WO/PCT	PCT/US2003/017310		WO/2003/102201
WO/PCT	PCT/US2003/017329		WO/2003/102152
WO/PCT	PCT/US2004/013592		WO/2004/059381
WO/PCT	PCT/US2006/020782		WO/2007/032792
WO/PCT	PCT/US2006/044815		WO/2007/117282
WO/PCT	PCT/US2007/006408		WO/2007/106324
WO/PCT	PCT/US2008/053514		WO/2008/098227
WO/PCT	PCT/US2008/058406		WO/2008/121701
ZA	200409529		
ZA	200409530		

Country/ Jurisdiction	Application No.	Patent/Registration No.	Publication No.
ZA	200409531		
ZA	200509697		

DMC-US-46910123-2.082853.0036

EXHIBIT 2



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 4, 2014

PTAS

GARY B. ROSENBAUM
MCDERMOTT WILL & EMERY LLP
2049 CENTURY PARK EAST, SUITE 3800
LOS ANGELES, CA 90067

502648651

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/23/2014

REEL/FRAME: 032123/0844
NUMBER OF PAGES: 18

BRIEF: SECURITY AGREEMENT

DOCKET NUMBER: 082853-0036

ASSIGNOR:

GEVO, INC. (AS GRANTOR)

DOC DATE: 12/11/2013

ASSIGNEE:

TRIPLEPOINT CAPITAL LLC (AS GRANTEE)
2755 SAND HILL ROAD, SUITE 150
MENLO PARK, CALIFORNIA 94025

APPLICATION NUMBER: 13025805

FILING DATE: 02/11/2011

PATENT NUMBER:

ISSUE DATE:

TITLE: MODIFIED ALCOHOL DEHYDROGENASES FOR THE PRODUCTION OF FUELS AND
CHEMICALS

APPLICATION NUMBER: 13303884

FILING DATE: 11/23/2011

PATENT NUMBER:

ISSUE DATE:

TITLE: ENGINEERED MICROORGANISMS CAPABLE OF PRODUCING TARGET COMPOUNDS
UNDER ANAEROBIC CONDITIONS

APPLICATION NUMBER: 13524949

FILING DATE: 06/15/2012

PATENT NUMBER:

ISSUE DATE:

TITLE: BIOMASS RESOURCE-DERIVED POLYESTER AND METHOD FOR PRODUCING SAME

APPLICATION NUMBER: 13701247 FILING DATE: 02/14/2013
PATENT NUMBER: ISSUE DATE:
TITLE: ISOBUTANOL PRODUCTION USING YEASTS WITH MODIFIED TRANSPORTER
EXPRESSION

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 7, 2014

PTAS

GARY B. ROSENBAUM
MCDERMOTT WILL & EMERY LLP
2049 CENTURY PARK EAST, SUITE 3800
LOS ANGELES, CA 90067

502648639

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/23/2014

REEL/FRAME: 032161/0717
NUMBER OF PAGES: 13

BRIEF: RESEARCH AGREEMENT

DOCKET NUMBER: 082853-0036

ASSIGNOR:
VIB

DOC DATE: 05/01/2009

ASSIGNEE:
GEVO, INC.
345 INVERNESS DRIVE SOUTH
BUILDING C SUITE 310
ENGLEWOOD, COLORADO 80112

APPLICATION NUMBER: 13701247

FILING DATE: 02/14/2013

PATENT NUMBER:

ISSUE DATE:

TITLE: ISOBUTANOL PRODUCTION USING YEASTS WITH MODIFIED TRANSPORTER
EXPRESSION

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

APPLICATION NUMBER: 14003534 FILING DATE: 11/14/2013
PATENT NUMBER: ISSUE DATE:
TITLE: YEAST MICROORGANISMS WITH REDUCED 2,3-BUTANEDIOL ACCUMULATION
FOR IMPROVED PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS

APPLICATION NUMBER: 14031400 FILING DATE: 09/19/2013
PATENT NUMBER: ISSUE DATE:
TITLE: YEAST MICROORGANISMS WITH REDUCED BY-PRODUCT ACCUMULATION FOR
IMPROVED PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS

APPLICATION NUMBER: 14039500 FILING DATE: 09/27/2013
PATENT NUMBER: ISSUE DATE:
TITLE: RENEWABLE COMPOSITIONS

APPLICATION NUMBER: 61774872 FILING DATE: 03/08/2013
PATENT NUMBER: ISSUE DATE:
TITLE: MODIFIED KETOL-ACID REDUCTOISOMERASES

APPLICATION NUMBER: 61787823 FILING DATE: 03/15/2013
PATENT NUMBER: ISSUE DATE:
TITLE: ENGINEERED YEAST WITH IMPROVED TOLERANCE TO ISOBUTANOL

APPLICATION NUMBER: 61800051 FILING DATE: 03/15/2013
PATENT NUMBER: ISSUE DATE:
TITLE: RENEWABLE TETRAMETHYLCYCLOBUTANEDIOL PRODUCED FROM BIOLOGICAL C4
MOLECULES

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 27, 2014

PTAS

GARY B. ROSENBAUM
MCDERMOTT WILL & EMERY LLP
2049 CENTURY PARK EAST, SUITE 3800
LOS ANGELES, CA 90067

502637259

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/15/2014

REEL/FRAME: 032035/0973
NUMBER OF PAGES: 18

BRIEF: SECURITY AGREEMENT

DOCKET NUMBER: 082853-0036

ASSIGNOR:

GEVO, INC. (AS GRANTOR)

DOC DATE: 12/11/2013

ASSIGNEE:

TRIPLEPOINT CAPITAL LLC (AS GRANTEE)
2755 SAND HILL ROAD, SUITE 150
MENLO PARK, CALIFORNIA 94025

APPLICATION NUMBER: 13302775

FILING DATE: 11/22/2011

PATENT NUMBER: 8614077

ISSUE DATE: 12/24/2013

TITLE: RECOVERY OF HIGHER ALCOHOLS FROM DILUTE AQUEOUS SOLUTIONS

APPLICATION NUMBER: 13431532

FILING DATE: 03/27/2012

PATENT NUMBER:

ISSUE DATE:

TITLE: MODIFIED ALCOHOL DEHYDROGENASES FOR THE PRODUCTION OF FUELS AND CHEMICALS

APPLICATION NUMBER: 13764308

FILING DATE: 02/11/2013

PATENT NUMBER:

ISSUE DATE:

TITLE: RENEWABLE JET FUEL BLENDSTOCK FROM ISOBUTANOL

APPLICATION NUMBER: 13586599 FILING DATE: 08/15/2012
PATENT NUMBER: ISSUE DATE:
TITLE: RECOVERY OF HIGHER ALCOHOLS FROM DILUTE AQUEOUS SOLUTIONS

APPLICATION NUMBER: 13667721 FILING DATE: 11/02/2012
PATENT NUMBER: ISSUE DATE:
TITLE: RECOVERY OF HIGHER ALCOHOLS FROM DILUTE AQUEOUS SOLUTIONS

APPLICATION NUMBER: 13859903 FILING DATE: 04/10/2013
PATENT NUMBER: ISSUE DATE:
TITLE: METHODS FOR THE ECONOMICAL PRODUCTION OF BIOFUEL FROM BIOMASS

APPLICATION NUMBER: 13902119 FILING DATE: 05/24/2013
PATENT NUMBER: ISSUE DATE:
TITLE: INTEGRATED METHODS OF PREPARING RENEWABLE CHEMICALS

APPLICATION NUMBER: 13907394 FILING DATE: 05/31/2013
PATENT NUMBER: ISSUE DATE:
TITLE: YEAST ORGANISM PRODUCING ISOBUTANOL AT A HIGH YIELD

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

APPLICATION NUMBER: 13267771	FILING DATE: 10/06/2011
PATENT NUMBER:	ISSUE DATE:
TITLE: YEAST ORGANISM PRODUCING ISOBUTANOL AT A HIGH YIELD	
APPLICATION NUMBER: 13269457	FILING DATE: 10/07/2011
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS FOR THE ECONOMICAL PRODUCTION OF BIOFUEL PRECURSOR THAT IS ALSO A BIOFUEL FROM BIOMASS	
APPLICATION NUMBER: 13269937	FILING DATE: 10/10/2011
PATENT NUMBER: 8097440	ISSUE DATE: 01/17/2012
TITLE: ENGINEERED MICROORGANISMS CAPABLE OF PRODUCING TARGET COMPOUNDS UNDER ANAEROBIC CONDITIONS	
APPLICATION NUMBER: 13271084	FILING DATE: 10/11/2011
PATENT NUMBER:	ISSUE DATE:
TITLE: ENGINEERED MICROORGANISMS CAPABLE OF PRODUCING TARGET COMPOUNDS UNDER ANAEROBIC CONDITIONS	
APPLICATION NUMBER: 13279166	FILING DATE: 10/21/2011
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS OF INCREASING DIHYDROXY ACID DEHYDRATASE ACTIVITY TO IMPROVE PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS	
APPLICATION NUMBER: 13286741	FILING DATE: 11/01/2011
PATENT NUMBER:	ISSUE DATE:
TITLE: RENEWABLE XYLENES PRODUCED FROM BIOLOGICAL C4 AND C5 MOLECULES	
APPLICATION NUMBER: 13344460	FILING DATE: 01/05/2012
PATENT NUMBER: 8283505	ISSUE DATE: 10/09/2012
TITLE: RECOVERY OF HIGHER ALCOHOLS FROM DILUTE AQUEOUS SOLUTIONS	
APPLICATION NUMBER: 13344464	FILING DATE: 01/05/2012
PATENT NUMBER: 8304588	ISSUE DATE: 11/06/2012
TITLE: RECOVERY OF HIGHER ALCOHOLS FROM DILUTE AQUEOUS SOLUTIONS	
APPLICATION NUMBER: 13441459	FILING DATE: 04/06/2012
PATENT NUMBER: 8378160	ISSUE DATE: 02/19/2013
TITLE: RENEWABLE COMPOSITIONS	
APPLICATION NUMBER: 13441468	FILING DATE: 04/06/2012
PATENT NUMBER: 8546627	ISSUE DATE: 10/01/2013
TITLE: RENEWABLE COMPOSITIONS	
APPLICATION NUMBER: 13451026	FILING DATE: 04/19/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: VARIATIONS ON PRINS-LIKE CHEMISTRY TO PRODUCE 2,5-DIMETHYLHEXADIENE FROM ISOBUTANOL	
APPLICATION NUMBER: 13528106	FILING DATE: 06/20/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS OF INCREASING DIHYDROXY ACID DEHYDRATASE ACTIVITY TO IMPROVE PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS	
APPLICATION NUMBER: 13557066	FILING DATE: 07/24/2012
PATENT NUMBER: 8487149	ISSUE DATE: 07/16/2013
TITLE: RENEWABLE COMPOSITIONS	

APPLICATION NUMBER: 13025801 FILING DATE: 02/11/2011
 PATENT NUMBER: ISSUE DATE:
 TITLE: YEAST MICROORGANISMS WITH REDUCED BY-PRODUCT ACCUMULATION FOR
 IMPROVED PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS

APPLICATION NUMBER: 13074907 FILING DATE: 03/29/2011
 PATENT NUMBER: 8133715 ISSUE DATE: 03/13/2012
 TITLE: REDUCED BY-PRODUCT ACCUMULATION FOR IMPROVED PRODUCTION OF
 ISOBUTANOL

APPLICATION NUMBER: 13076284 FILING DATE: 03/30/2011
 PATENT NUMBER: 8158404 ISSUE DATE: 04/17/2012
 TITLE: REDUCED BY-PRODUCT ACCUMULATION FOR IMPROVED PRODUCTION OF
 ISOBUTANOL

APPLICATION NUMBER: 13077170 FILING DATE: 03/31/2011
 PATENT NUMBER: 8153415 ISSUE DATE: 04/10/2012
 TITLE: REDUCED BY-PRODUCT ACCUMULATION FOR IMPROVED PRODUCTION OF
 ISOBUTANOL

APPLICATION NUMBER: 13095255 FILING DATE: 04/27/2011
 PATENT NUMBER: ISSUE DATE:
 TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND
 RESIDUALS

APPLICATION NUMBER: 13103812 FILING DATE: 05/09/2011
 PATENT NUMBER: 8373012 ISSUE DATE: 02/12/2013
 TITLE: RENEWABLE JET FUEL BLENDSTOCK FROM ISOBUTANOL

APPLICATION NUMBER: 13141648 FILING DATE: 10/14/2011
 PATENT NUMBER: ISSUE DATE:
 TITLE: ENGINEERED MICROORGANISMS FOR THE PRODUCTION OF ONE OR MORE
 TARGET COMPOUNDS

APPLICATION NUMBER: 13176452 FILING DATE: 07/05/2011
 PATENT NUMBER: ISSUE DATE:
 TITLE: CYTOSOLIC ISOBUTANOL PATHWAY LOCALIZATION FOR THE PRODUCTION OF
 ISOBUTANOL

APPLICATION NUMBER: 13228342 FILING DATE: 09/08/2011
 PATENT NUMBER: 8071358 ISSUE DATE: 12/06/2011
 TITLE: METHODS OF INCREASING DIHYDROXY ACID DEHYDRATASE ACTIVITY TO
 IMPROVE PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS

APPLICATION NUMBER: 13229438 FILING DATE: 09/09/2011
 PATENT NUMBER: ISSUE DATE:
 TITLE: YEAST ORGANISM PRODUCING ISOBUTANOL AT A HIGH YIELD

APPLICATION NUMBER: 13246693 FILING DATE: 09/27/2011
 PATENT NUMBER: 8273565 ISSUE DATE: 09/25/2012
 TITLE: METHODS OF INCREASING DIHYDROXY ACID DEHYDRATASE ACTIVITY TO
 IMPROVE PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS

APPLICATION NUMBER: 13246718 FILING DATE: 09/27/2011
 PATENT NUMBER: ISSUE DATE:
 TITLE: METHODS OF INCREASING DIHYDROXY ACID DEHYDRATASE ACTIVITY TO
 IMPROVE PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS

APPLICATION NUMBER: 12343375 FILING DATE: 12/23/2008
 PATENT NUMBER: 8017375 ISSUE DATE: 09/13/2011
 TITLE: YEAST ORGANISM PRODUCING ISOBUTANOL AT A HIGH YIELD

APPLICATION NUMBER: 12371557 FILING DATE: 02/13/2009
 PATENT NUMBER: ISSUE DATE:
 TITLE: ENGINEERED MICROORGANISMS FOR PRODUCING PROPANOL

APPLICATION NUMBER: 12408647 FILING DATE: 03/20/2009
 PATENT NUMBER: ISSUE DATE:
 TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND RESIDUALS

APPLICATION NUMBER: 12610784 FILING DATE: 11/02/2009
 PATENT NUMBER: ISSUE DATE:
 TITLE: ENGINEERED MICROORGANISMS CAPABLE OF PRODUCING TARGET COMPOUNDS UNDER ANAEROBIC CONDITIONS

APPLICATION NUMBER: 12696645 FILING DATE: 01/29/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: YEAST ORGANISM PRODUCING ISOBUTANOL AT A HIGH YIELD

APPLICATION NUMBER: 12711919 FILING DATE: 02/24/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: METHODS OF PREPARING RENEWABLE BUTADIENE

APPLICATION NUMBER: 12820505 FILING DATE: 06/22/2010
 PATENT NUMBER: 8455239 ISSUE DATE: 06/04/2013
 TITLE: YEAST ORGANISM PRODUCING ISOBUTANOL AT A HIGH YIELD

APPLICATION NUMBER: 12824050 FILING DATE: 06/25/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: RECOVERY OF HIGHER ALCOHOLS FROM DILUTE AQUEOUS SOLUTIONS

APPLICATION NUMBER: 12855276 FILING DATE: 08/12/2010
 PATENT NUMBER: 8232089 ISSUE DATE: 07/31/2012
 TITLE: CYTOSOLIC ISOBUTANOL PATHWAY LOCALIZATION FOR THE PRODUCTION OF ISOBUTANOL

APPLICATION NUMBER: 12899285 FILING DATE: 10/06/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: INTEGRATED PROCESS TO SELECTIVELY CONVERT RENEWABLE ISOBUTANOL TO P-XYLENE

APPLICATION NUMBER: 12904947 FILING DATE: 10/14/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND RESIDUALS

APPLICATION NUMBER: 12953884 FILING DATE: 11/24/2010
 PATENT NUMBER: 8017376 ISSUE DATE: 09/13/2011
 TITLE: METHODS OF INCREASING DIHYDROXY ACID DEHYDRATASE ACTIVITY TO IMPROVE PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS

APPLICATION NUMBER: 12986918 FILING DATE: 01/07/2011
 PATENT NUMBER: 8450543 ISSUE DATE: 05/28/2013
 TITLE: INTEGRATED METHODS OF PREPARING RENEWABLE CHEMICALS

APPLICATION NUMBER: 11383750 FILING DATE: 05/16/2006
 PATENT NUMBER: ISSUE DATE:
 TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND
 RESIDUALS

APPLICATION NUMBER: 11680685 FILING DATE: 03/01/2007
 PATENT NUMBER: ISSUE DATE:
 TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND
 RESIDUALS

APPLICATION NUMBER: 11795659 FILING DATE: 01/30/2008
 PATENT NUMBER: ISSUE DATE:
 TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND
 RESIDUALS

APPLICATION NUMBER: 11881748 FILING DATE: 07/27/2007
 PATENT NUMBER: ISSUE DATE:
 TITLE: ENGINEERED MICROORGANISMS FOR INCREASING PRODUCT YIELD IN
 BIOTRANSFORMATIONS, RELATED METHODS AND SYSTEMS

APPLICATION NUMBER: 11949724 FILING DATE: 12/03/2007
 PATENT NUMBER: ISSUE DATE:
 TITLE: ENGINEERED MICROORGANISMS FOR PRODUCING N-BUTANOL AND RELATED
 METHODS

APPLICATION NUMBER: 11963542 FILING DATE: 12/21/2007
 PATENT NUMBER: ISSUE DATE:
 TITLE: BUTANOL PRODUCTION BY METABOLICALLY ENGINEERED YEAST

APPLICATION NUMBER: 12106173 FILING DATE: 04/18/2008
 PATENT NUMBER: ISSUE DATE:
 TITLE: ENGINEERED MICROORGANISMS FOR PRODUCING ISOPROPANOL

APPLICATION NUMBER: 12209127 FILING DATE: 09/11/2008
 PATENT NUMBER: ISSUE DATE:
 TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND
 RESIDUALS

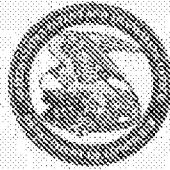
APPLICATION NUMBER: 12240864 FILING DATE: 09/29/2008
 PATENT NUMBER: ISSUE DATE:
 TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND
 RESIDUALS

APPLICATION NUMBER: 12263436 FILING DATE: 10/31/2008
 PATENT NUMBER: 8431374 ISSUE DATE: 04/30/2013
 TITLE: METHODS FOR THE ECONOMICAL PRODUCTION OF BIOFUEL FROM BIOMASS

APPLICATION NUMBER: 12263442 FILING DATE: 10/31/2008
 PATENT NUMBER: ISSUE DATE:
 TITLE: METHODS FOR THE ECONOMICAL PRODUCTION OF BIOFUEL PRECURSOR THAT
 IS ALSO A BIOFUEL FROM BIOMASS

APPLICATION NUMBER: 12327723 FILING DATE: 12/03/2008
 PATENT NUMBER: 8193402 ISSUE DATE: 06/05/2012
 TITLE: RENEWABLE COMPOSITIONS

APPLICATION NUMBER: 12342992 FILING DATE: 12/23/2008
 PATENT NUMBER: 8101808 ISSUE DATE: 01/24/2012
 TITLE: RECOVERY OF HIGHER ALCOHOLS FROM DILUTE AQUEOUS SOLUTIONS



UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office

DECEMBER 27, 2013

PTAS

GARY B. ROSENBAUM
MCDERMOTT WILL & EMERY LLP
2049 CENTURY PARK EAST, SUITE 3800
LOS ANGELES, CA 90067

502607696

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/18/2013

REEL/FRAME: 031847/0342
NUMBER OF PAGES: 19

BRIEF: SECURITY AGREEMENT

DOCKET NUMBER: 082853-0036

ASSIGNOR:
GEVO, INC. (AS GRANTOR)

DOC DATE: 12/11/2013

ASSIGNEE:
TRIPLEPOINT CAPITAL LLC (AS GRANTEE)
2755 SAND HILL ROAD, SUITE 150
MENLO PARK, CALIFORNIA 94025

APPLICATION NUMBER: 11383743

FILING DATE: 05/16/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND RESIDUALS

APPLICATION NUMBER: 11383748

FILING DATE: 05/16/2006

PATENT NUMBER: 7309602

ISSUE DATE: 12/18/2007

TITLE: COMPOSITIONS AND METHODS FOR PRODUCING FERMENTATION PRODUCTS AND RESIDUALS