504754712 01/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4801440

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REID M. RENNY FELDMAN	07/09/2010
UVINI GUNAWARDENA	09/29/2010
JUN URANO	08/11/2010
PETER MEINHOLD	07/28/2010
ARISTOS ARISTIDOU	09/20/2010
CATHERINE ASLESON DUNDON	09/20/2010
CHRISTOPHER SMITH	07/28/2010

RECEIVING PARTY DATA

Name:	GEVO, INC.
Street Address:	345 INVERNESS DRIVE SOUTH
Internal Address:	BUILDING C, SUITE 310
City:	ENGLEWOOD
State/Country:	COLORADO
Postal Code:	80112

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14482308

CORRESPONDENCE DATA

Fax Number: (202)842-7899

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: 202-842-7800

Email: tkaras@cooley.com, zPatDCDocketing@cooley.com

Correspondent Name: COOLEY LLP

Address Line 1: 1299 PENNSYLVNIA AVENUE, NW, SUITE 700

Address Line 4: WASHINGTON, D.C. 20004-2400

ATTORNEY DOCKET NUMBER:	GEVO-027/01US
NAME OF SUBMITTER:	ANNE E FLECKENSTEIN
SIGNATURE:	/Anne E Fleckenstein/

PATENT 504754712 REEL: 044777 FRAME: 0914

DATE SIGNED:	01/30/2018
Total Attachments: 11	
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PATENT REEL: 044777 FRAME: 0915

ASSIGNMENT

Reid M. Renny FELDMAN, of San Marino, CA; <u>Uvini GUNAWARDENA</u>, of Irvine, CA; <u>Jun URANO</u>, of Aurora, CO; <u>Peter MEINHOLD</u>, of Denver, CO; <u>Aristos ARISTIDOU</u>, of Highlands Ranch, CO; <u>Catherine Asleson DUNDON</u>, of Englewood, CO; <u>Christopher SMITH</u>, of Englewood, CO (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled <u>YEAST ORGANISM PRODUCING ISOBUTANOL AT A HIGH YIELD</u>, and which is a:

- (1) [] provisional application
 - (a) [] to be filed herewith; or
 - (b) [] bearing Application No., and filed on; or
- (2) [X] non-provisional application
 - (a) [] to be filed herewith; or
 - (b) [X] bearing Application No. 12/820,505; and filed on June 22, 2010.

WHEREAS, GEVO, INC., a corporation duly organized and having its principal place of business at 345 Inverness Drive South, Building C, Suite 310, Englewood, CO 80112 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY GODWARD KRONISH LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

115801 v1/DC

104US 310142-ZILB GEVO-027-Athry Signature County of State of California WITNESS my hand and official seal paragraph is true and correct. person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. subscribed to the within instrument and acknowledged to me that he/she/they executed the same in who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/arehis/her/their-authorized capacity(iee), and that by his/her/their signature(e) on the instrument the persŏnally appeared certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing 0 ACKNOWLEDGMENT before me, (Seal) (insert name and title of the office My Comm. Expires Aug 8, 2010 Notary Public — California Commission # 1680756 Los Angeles County HEIDI L. LAMB

> PATENT REEL: 044705 FRAME: 0558

Attorney Docket No. **GEVO-027/04US 310142-2168**Application No.: 12/820,505; Filed: June 22, 2010

Page 3 of 9

Date: 9 My 2010 By: MM MA My Renny FELDMAN
j,
State of California) ss.
County of his Auce les
On Aug 2010, before me, tradil somb, Notary
Public, personally appeared <u>Feid M. Kenny Velling</u> , personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their-authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.
WITNESS my hand and official seal.
He attend notage
Signature of Notary Public Place Notary Seal Above
My Commission Expires:

California all purpose Certificate of Acknowledgment

State of California
County of San Diego ss
On 9/29/10. Abe Albana Notary Publisher me, personally (Here insert name and title of the officer) appeared Vini Pulna Gung Warden proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal. OFFICIAL SEAL ABE ALBANNA NOTARY PUBLIC-CALIFORNIA COMM. NO. 1738632 SAN DIEGO COUNTY MY COMM. EXP. MAY. 11, 2011 (Notary Seal)
OPTIONAL SECTION DESCRIPTION OF ATTACHED DOCUMENT Title or Type of Document Declaration And Power to Prosecute.
Document Date Number of Pages
CAPACITY(IES) CLAIMED BY SIGNER
Name of Signer
Title(s)
Signer is Representing:
2009 Navy California Aaknovylodoment 000 517 2552/714 620 1165 yyyyyy Cocalnotoryalagga com

PATENT REEL: 044777 FRAME: 0920

Application No.: 12/820,505; Filed: June 22, 2010

Page 4 of 9

• • • • •	Uvini GUNAWARDENA
State of	
On, before me,	, Notary
Public, personally appeared	, personally known
to me or proved to me on the basis of satisfactor	
is/are subscribed to the within instrument and ack	nowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies),	and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon beha	alf of which the person(s) acted, executed the
	IED FORM FOR CERTIFICATE
WITNESS my hand and official seal.	
Signature of Notary Public	- Place Notary Seal Above
organical of House Laboratory	11000 110001 5001 110010
My Commission Expires:	_

Date: 09/29/10 ·

Application No.: 12/820,505; Filed: June 22, 2010

Page 5 of 9

Date: 8 (1/2010 By:
Jun URANO
State of Colorado
County of Denue) ss.
On 8/10/2010, before me, Man Ebre, Notary
Public, personally appeared
to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.
The state of the s
WITNESS my hand and official seal.
more of Ene
Signature of Notary Public Place Notary Seal Above
My Commission Expires: My Commission Expires July 24, 2012

Application No.: 12/820,505; Filed: June 22, 2010

Page 6 of 9

Date: 7-28-2010 By: 3
Peter MEINHOLD
State of Colorado ss.
County of USACC
On 7/28/10, before me, May Clave, Notary Public, personally appeared Peter Meinold, personally known
to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.
TARY F. CO.
WITNESS my hand and official seal.
mong & Elne
Signature of Notary Public Race, Notary Seal Above
My Commission Expires: My Commission Expires July 24, 2012

Application No.: 12/820,505; Filed: June 22, 2010

Page 7 of 9

Date: 9/20/20010

Aristos ARISTIDOU

State of Colorado
County of Dance) ss.
On 9/20/10, before me, Man Elono, Notary
Public, personally appeared history hystrony, personally known
to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.
ARY F. FOR
WITNESS my hand and official seal.
World Elne
Signature of Notary Public Place Notary Scal Above
My Commission Expires July 24, 2012
My Commission Expires: July 24, 2012

Application No.: 12/820,505; Filed: June 22, 2010

Page 8 of 9

Catherine Asieson DUNDON
State of Colorado
County of Ognor) ss.
On, before me, Wan Elona, Notary
Public, personally appeared <u>Catherine Aslesso</u> <u>Dindonersonally</u> known
to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.
WITNESS my hand and official seal.
more Elne
Signature of Notary Public Photo Notary Seal Above
My Commission Expires My Commission Expires July 24, 2012

Date: 1/20/2010 By: M

Application No.: 12/820,505; Filed: June 22, 2010

Page 9 of 9

Date: July 28 2010	By: Chris Smith
, '	Christopher SMITH

State of Colorado) ss. County of Denver)
On TUI 28 2010, before me, May Book, Notary Public, personally appeared Christopher Smith, personally known
to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal. Signature of Notary Public Photo Notary Seal Above
My Commission Expires: My Commission Expires July 24, 2012

115801 v1/DC

PATENT REEL: 044777 FRAME: 0926

RECORDED: 01/30/2018