

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Patrick R. GRUBER</td> <td>05/06/2009</td> </tr> <tr> <td>Matthew W. PETERS</td> <td>05/04/2009</td> </tr> <tr> <td>Josefa M. GRIFFITH</td> <td>04/14/2009</td> </tr> <tr> <td>Yassin Al OBAIDI</td> <td>04/08/2009</td> </tr> <tr> <td>Leo E. MANZER</td> <td>03/30/2009</td> </tr> <tr> <td>Joshua D. TAYLOR</td> <td>05/05/2009</td> </tr> <tr> <td>David E. HENTON</td> <td>12/11/2009</td> </tr> </tbody> </table>		Name	Execution Date	Patrick R. GRUBER	05/06/2009	Matthew W. PETERS	05/04/2009	Josefa M. GRIFFITH	04/14/2009	Yassin Al OBAIDI	04/08/2009	Leo E. MANZER	03/30/2009	Joshua D. TAYLOR	05/05/2009	David E. HENTON	12/11/2009
Name	Execution Date																
Patrick R. GRUBER	05/06/2009																
Matthew W. PETERS	05/04/2009																
Josefa M. GRIFFITH	04/14/2009																
Yassin Al OBAIDI	04/08/2009																
Leo E. MANZER	03/30/2009																
Joshua D. TAYLOR	05/05/2009																
David E. HENTON	12/11/2009																
RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>GEVO, INC.</td> </tr> <tr> <td>Street Address:</td> <td>345 Inverness Drive South</td> </tr> <tr> <td>Internal Address:</td> <td>Building C, Suite 310</td> </tr> <tr> <td>City:</td> <td>Englewood</td> </tr> <tr> <td>State/Country:</td> <td>COLORADO</td> </tr> <tr> <td>Postal Code:</td> <td>80112</td> </tr> </table>		Name:	GEVO, INC.	Street Address:	345 Inverness Drive South	Internal Address:	Building C, Suite 310	City:	Englewood	State/Country:	COLORADO	Postal Code:	80112				
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																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13557066</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13557066												
Property Type	Number																
Application Number:	13557066																
CORRESPONDENCE DATA																	
<p>Fax Number: 2028427899 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: bbrow@cooley.com</p> <p>Correspondent Name: William E. Brow</p> <p>Address Line 1: 777 6th Street, N.W.</p> <p>Address Line 2: Suite 1100</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20001</p>																	
ATTORNEY DOCKET NUMBER:	GEVO-004/04US																

PATENT

NAME OF SUBMITTER:

William E. Brow

Total Attachments: 11

source=GEVO004_Assignment#page1.tif
source=GEVO004_Assignment#page2.tif
source=GEVO004_Assignment#page3.tif
source=GEVO004_Assignment#page4.tif
source=GEVO004_Assignment#page5.tif
source=GEVO004_Assignment#page6.tif
source=GEVO004_Assignment#page7.tif
source=GEVO004_Assignment#page8.tif
source=GEVO004_Assignment#page9.tif
source=GEVO004_Assignment#page10.tif
source=GEVO004_Assignment#page11.tif

ASSIGNMENT

We/I Patrick R. Gruber, residing at c/o Gevo, Inc., 133 N. Altadena Dr. Suite 310, Pasadena, CA 91107; Matthew W. Peters, residing at c/o Gevo, Inc., 133 N. Altadena Dr. Suite 310, Pasadena, CA 91107; Josefa M. Griffith, residing at c/o Gevo, Inc., 133 N. Altadena Dr. Suite 310, Pasadena, CA 91107; Yassin Al Obaidi, residing at c/o Gevo, Inc., 133 N. Altadena Dr. Suite 310, Pasadena, CA 91107; Leo E. Manzer, residing at c/o Gevo, Inc., 133 N. Altadena Dr. Suite 310, Pasadena, CA 91107 and Joshua D. Taylor, residing at c/o Gevo, Inc., 133 N. Altadena Dr. Suite 310, Pasadena, CA 91107 (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 ****, and which is a:

- (1) ☐ provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☐ bearing Application No. , and filed on ; or
- (2) ☒ non-provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☒ bearing Application No. 12/327,723 and filed on December 3, 2008*.

WHEREAS, GEVO, INC, a corporation duly organized under and pursuant to the laws of ***, and having its principal place of business at residing at **133 N. Altadena Dr. Suite 310, Pasadena, CA 91107** (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.

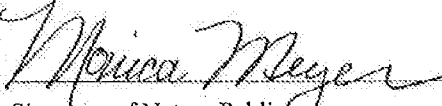
The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement,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

Date: 5/6/09

By: 
Patrick R. Gruber

State of <u>Colorado</u>) ss.
County of <u>Arapahoe</u>	
<p>On <u>5/6/09</u>, before me, <u>Monica Meyer</u>, Notary Public, personally appeared <u>Patrick Gruber</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.</p>	
<p>WITNESS my hand and official seal.</p>	
<p><u></u> Signature of Notary Public</p>	<p>Place Notary Seal Above</p>
<p>My Commission Expires: <u>08/02/2012</u></p>	

Date: 5/4/09

By: Matthew W. Peters
Matthew W. Peters

State of <u>Colorado</u>	}	ss.
County of <u>Arapahoe</u>		
<p>On <u>May 4th 2009</u>, before me, <u>Monica Meyer</u>, Notary Public, personally appeared <u>Matthew Peters</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.</p>		
<p>WITNESS my hand and official seal.</p>		
<p><u>Monica Meyer</u> Signature of Notary Public</p>		<p>Place Notary Seal Above</p>
<p>My Commission Expires: <u>06/02/2012</u></p>		

Date: 4/14/09

By: _____

Josefa M. Griffith

Josefa M. Griffith

State of Colorado)
County of Arapahoe) ss.

On April 14/09, before me, Monica Meyer, Notary Public, personally appeared Josefa Griffith, 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.

Monica Meyer
Signature of Notary Public

Place Notary Seal Above

My Commission Expires: 06/02/2012

Date: 4/8/2009

By: Y. Al Obaidi
Yassin Al Obaidi

State of <u>Kentucky</u>	}	ss.
County of <u>Palaski</u>		
<p>On <u>April 8, 2009</u>, before me, <u>Pamela Bastin</u>, Notary Public, personally appeared <u>Yassin Al Obaidi</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.</p>		
<p>WITNESS my hand and official seal.</p>		
<p><u>Pamela Bastin</u> Signature of Notary Public</p>		<p>Place Notary Seal Above</p>
<p>My Commission Expires: <u>05-09-11</u></p>		

Date: 3/30/09

By: Leo E. Marzer
Leo E. Marzer

State of DELAWARE)
County of NEW CASTLE) ss.

On MARCH 30 2009, before me, SHERINA HARPER, Notary Public, personally appeared LEO MARZER, 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.

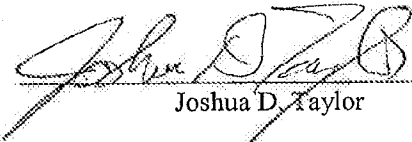
Sherina D. Harper
Signature of Notary Public

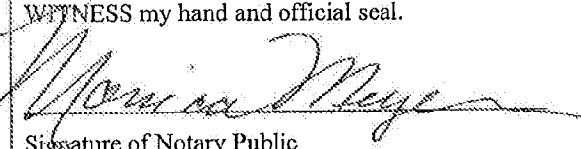


Place Notary Seal Above

My Commission Expires: 12/2/2010

Date: 5/5/09

By: 
Joshua D. Taylor

State of <u>Colorado</u>	}	ss.
County of <u>Windsor</u>		
<p>On <u>May 5th, 2009</u>, before me, <u>Monica Meyer</u>, Notary Public, personally appeared <u>Joshua Taylor</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.</p>		
<p>WITNESS my hand and official seal.</p>		
<p><u></u> Signature of Notary Public</p>		<p>Place Notary Seal Above</p>
<p>My Commission Expires: <u>06/02/2012</u></p>		

ASSIGNMENT

David E. HENTON, residing at 5409 Woodview Pass, Midland, MI 48642, (referred to as "Assignor") has made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled RENEWABLE COMPOSITIONS, and which is a:

- (1) ☐ provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☐ bearing Application No. , and filed on ; or
- (2) ☒ non-provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☒ bearing Application No. 12/327,723 and filed on December 3, 2008.

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.

Date: 12/11/2009

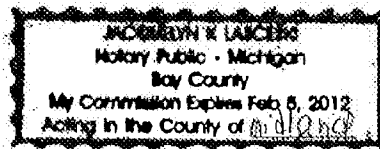
By: [Signature]
David E. HENTON

State of Michigan)
County of Midland) ss.

On December 11, 2009, before me, Jacquelyn K Lasceski, Notary Public, personally appeared David E Henton, 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]
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 2-5-12