

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen J. Van Dien	09/22/2010
Anthony P. Burgard	09/22/2010
Robert Haselbeck	09/22/2010
Catherine J. Pujol-Baxley	09/27/2010
Wei Niu	08/27/2010
John D. Trawick	09/27/2010
Harry Yim	09/27/2010
Mark J. Burk	09/27/2010
Robin E. Osterhout	09/22/2010
Jun Sun	09/27/2010

RECEIVING PARTY DATA

Name:	Genomatica, Inc.
Street Address:	10520 Wateridge Circle
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12794700

CORRESPONDENCE DATA

Fax Number: (202)756-8087
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 2027568000
Email: ascampbell@mwe.com
Correspondent Name: McDermott Will & Emery LLP
Address Line 1: 600 13th Street, N.W.

CH \$40.00 12794700

501340398

PATENT
REEL: 025244 FRAME: 0660

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005-3096

ATTORNEY DOCKET NUMBER:

066662-0310

NAME OF SUBMITTER:

Micheal L. Hebert

Total Attachments: 6

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ASSIGNMENT

WHEREAS We, Stephen J. VAN DIEN, Anthony P. BURGARD, Robert HASELBECK, Catherine J. PUJOL-BAXLEY, Wei NIU, John D. TRAWICK, Harry YIM, Mark J. BURK, Robin E. OSTERHOUT, and Jun SUN, all of San Diego, California, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled: MICROORGANISMS FOR THE PRODUCTION OF 1,4-BUTANEDIOL AND RELATED METHODS, for which an application for United States Letters Patent was filed on June 4, 2010 and identified by United States Application No. 12,794,700.

AND WHEREAS, Genomatica, Inc., a corporation of the State of California and having an address of 10520 Wateridge Circle, San Diego, California 92121 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Genomatica, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Genomatica, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

9/22/10
Date

Stephen J. Van Dien
Stephen J. Van Dien

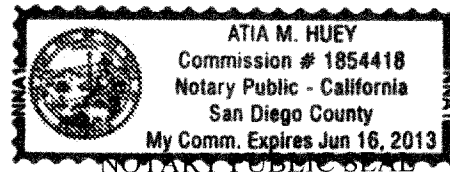
State of California)
County of San Diego) ss.

On 09/22/10 before me, Atia M. Huey,
personally appeared Stephen Van Dien who 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.

Atia M. Huey
Notary Public



9/22/10
Date

Anthony P. Burgard
Anthony P. Burgard

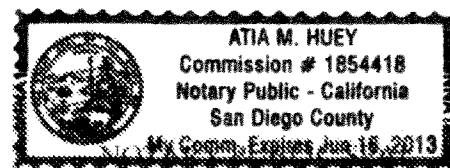
State of California)
County of San Diego) ss.

On 09/22/10 before me, Atia M. Huey,
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Atia M. Huey
Notary Public



9/22/2010

Date


Robert Haselbeck

State of California)
)ss.

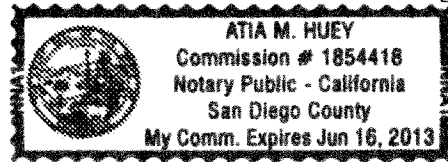
County of San Diego)

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personally appeared Robert Haselbeck who proved
to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the
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Notary Public



NOTARY PUBLIC SEAL

27 September 2010

Date


Catherine J. Pujol-Baxley

State of California)
)ss.

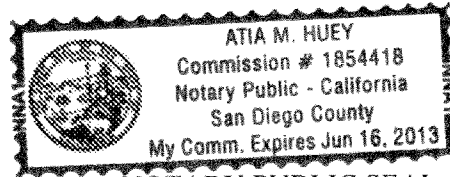
County of San Diego)

On 09/27/2010 before me, Atia M. Huey,
personally appeared Catherine J. Pujol-Baxley who proved
to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the
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Notary Public



NOTARY PUBLIC SEAL

8/27/2010
Date Wei Niu

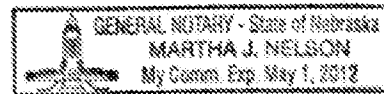
State of ~~California~~ Nebraska)
)ss.
County of Lancaster)

On 8/27/2010 before me, Martha J. Nelson,
personally appeared Wei Niu who 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~~ Nebraska that the foregoing
paragraph is true and correct.

Witness my hand and official seal.

Martha J. Nelson
Notary Public



NOTARY PUBLIC SEAL

27 September 2010
Date John D. Trawick

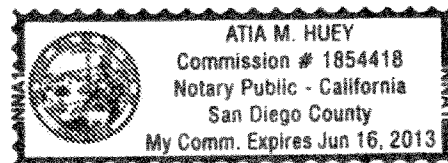
State of California)
)ss.
County of San Diego)

On 09/27/2010 before me, Atia M. Huey,
personally appeared John D. Trawick who proved
to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the
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Witness my hand and official seal.

Atia M. Huey
Notary Public



NOTARY PUBLIC SEAL

Date

9/27/10

Harry Yim

Harry Yim

State of California)

)ss.

County of San Diego)

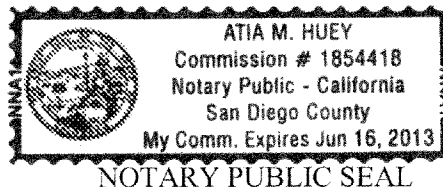
On 09/27/2010 before me, Atia M. Huey,
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Witness my hand and official seal.

Atia M. Huey

Notary Public



Date

27 September 2010

Mark J. Burk

Mark J. Burk

State of California)

)ss.

County of San Diego)

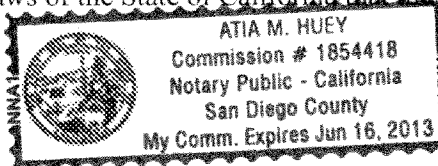
On 09/27/2010 before me, Atia M. Huey,
personally appeared Mark J. Burk who proved
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Atia M. Huey

Notary Public



NOTARY PUBLIC SEAL

9/22/10
Date



Robin E. Osterhout

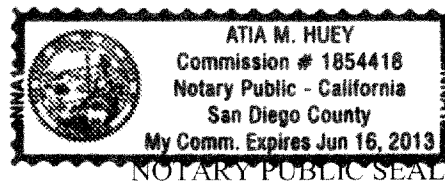
State of California)
)ss.
County of San Diego)

On 09/22/10 before me, Atia M. Huey,
personally appeared Robin E. Osterhout who proved
to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the
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Witness my hand and official seal.


Notary Public



9/27/10
Date



Jun Sun

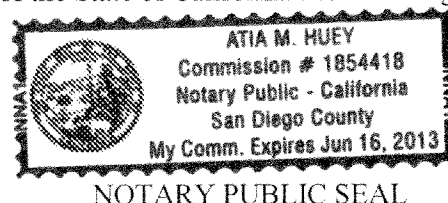
State of California)
)ss.
County of San Diego)

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Notary Public



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