

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mark J. BURK	05/24/2011
Anthony P. BURGARD	05/20/2011
Jun SUN	05/20/2011
Robin E. OSTERHOUT	05/23/2011
Priti PHARKYA	05/20/2011
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:	13101046
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	JONES DAY
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ATTORNEY DOCKET NUMBER:	871943-999087
NAME OF SUBMITTER:	Jessica L. Walz
Total Attachments: 3 source=871943-999087_Assign_081011#page1.tif source=871943-999087_Assign_081011#page2.tif source=871943-999087_Assign_081011#page3.tif	

CH \$40.00 13101046

ASSIGNMENT

WHEREAS, WE, Mark J. BURK, of San Diego, CA, Anthony P. BURGARD, of Bellefonte, PA, Jun SUN, of San Diego, CA, Robin E. OSTERHOUT, of San Diego, CA, and Priti PHARKYA, of San Diego, CA; ASSIGNORS, respectively are the inventors of the invention in MICROORGANISMS AND METHODS FOR THE BIOSYNTHESIS OF BUTADIENE for which we have executed an application for a Patent of the United States

- which is executed on even date herewith or
which is identified by Jones Day docket no. 12956-087-999 (CAM 871943-999087)
which was filed on May 4, 2011, Application No. 13/101,046
We hereby authorize and request attorney(s), at Jones Day, to insert here in parentheses (Application number, filed) the filing date and application number of said application when known.

and WHEREAS, Genomatica, Inc., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 10520 Wateridge Circle, San Diego, CA 92121, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date May 24, 2011, Mark J. BURK L.S.

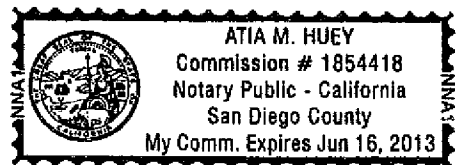
STATE OF CALIFORNIA
COUNTY OF San Diego

On May 24, 2011 before me, Atia M. Huey, Notary Public, personally appeared Mark J. BURK, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) 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.

Signature (Seal)



Date May 20, 2011

Anthony P. BURGARD
Anthony P. BURGARD

L.S.

STATE OF CALIFORNIA)

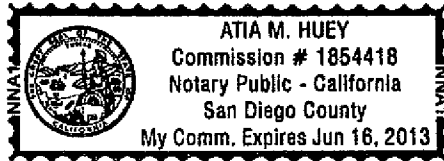
COUNTY OF San Diego)

On May 20, 2011 before me, Atia M. Huey, Notary Public, personally appeared Anthony P. BURGARD, 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.

Signature [Handwritten Signature] (Seal)



Date May 20, 2011

Jun SUN

L.S.

STATE OF CALIFORNIA)

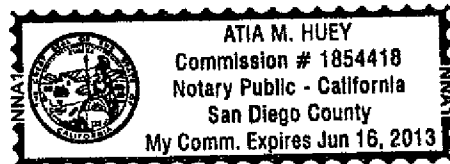
COUNTY OF San Diego)

On May 20, 2011 before me, Atia M. Huey, Notary Public, personally appeared Jun SUN, 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.

Signature [Handwritten Signature] (Seal)



Date May 23, 2011 Robin E. OSTERHOUT L.S.

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

On May 23, 2011 before me, Atia M. Huey, Notary Public, 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 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.

Signature [Handwritten Signature] (Seal)



Date May 20, 2011 Priti PHARKYA L.S.

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

On May 20, 2011 before me, Atia M. Huey, Notary Public, personally appeared Priti PHARKYA, 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.

Signature [Handwritten Signature] (Seal)

