

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Anthony P. Burgard</td> <td>08/27/2012</td> </tr> <tr> <td>Robin E. Osterhout</td> <td>08/27/2012</td> </tr> <tr> <td>Jun Sun</td> <td>08/28/2012</td> </tr> <tr> <td>Priti Pharkya</td> <td>08/27/2012</td> </tr> <tr> <td>Mark J. Burk</td> <td>08/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Anthony P. Burgard	08/27/2012	Robin E. Osterhout	08/27/2012	Jun Sun	08/28/2012	Priti Pharkya	08/27/2012	Mark J. Burk	08/23/2012
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RECEIVING PARTY DATA													
Name:	GENOMATICA, INC.												
Street Address:	10520 Wateridge Circle												
City:	San Diego												
State/Country:	CALIFORNIA												
Postal Code:	92121												
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>13527455</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13527455								
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Application Number:	13527455												
CORRESPONDENCE DATA													
Fax Number:	8583141150												
Phone:	858-314-1200												
Email:	cquatrino@jonesday.com, mvdiaz@jonesday.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	JONES DAY												
Address Line 1:	222 East 41st Street												
Address Line 4:	New York, NEW YORK 10017-6702												
ATTORNEY DOCKET NUMBER:	12956-137-999/871943-137												
NAME OF SUBMITTER:	Christina Quatrino												
Total Attachments: 3 source=12956-137-999_Assignment#page1.tif source=12956-137-999_Assignment#page2.tif source=12956-137-999_Assignment#page3.tif													

CH \$40.00 13527455

ASSIGNMENT

WHEREAS, WE, Anthony P. Burgard, of Bellefonte, PA; Robin E. Osterhout, of San Diego, CA; Jun Sun, of San Diego, CA; Priti Pharkya, of San Diego, CA; and Mark J. Burk, of San Diego, CA ASSIGNORS, respectively are the inventors of the invention in MICROORGANISMS FOR PRODUCING PROPYLENE AND METHODS RELATED THERETO 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. 12956-137-999 (CAM: 871943-999137)
which was filed on June 19, 2012, Application No. 13/527,455
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 August 27, 2012 Anthony P. Burgard L.S.

STATE OF CALIFORNIA)

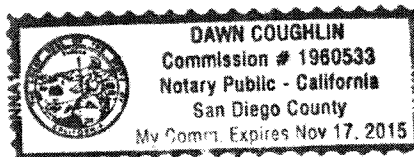
COUNTY OF San Diego

On 8/27 2012 before me, Dawn Coughlin, 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 Dawn Coughlin (Seal)



Date August 27, 2012 [Signature] L.S.
Robin E. Osterhout

STATE OF CALIFORNIA

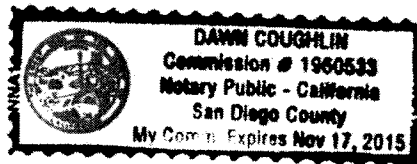
COUNTY OF San Diego

On 8/27 2012 before me, Dawn Coughlin, 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 Dawn Coughlin (Seal)



Date August 28, 2012 [Signature] L.S.
Jun Sun

STATE OF CALIFORNIA

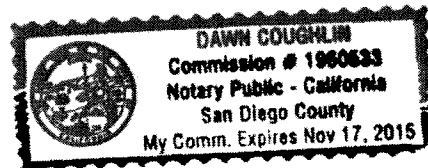
COUNTY OF San Diego

On 8/28 2012 before me, Dawn Coughlin, 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 Dawn Coughlin (Seal)



Date Aug 27, 2012 Priti
Priti Pharkya L.S.

STATE OF CALIFORNIA)

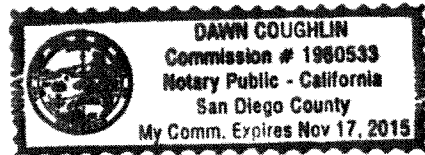
COUNTY OF

On 8/27 2012 before me, Dawn Coughlin 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 Dawn Coughlin (Seal)



Date August 23, 2012 Mark J. Burk
Mark J. Burk L.S.

STATE OF CALIFORNIA)

COUNTY OF

On 8/23 2012 before me, Dawn Coughlin 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) 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.

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