

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>Mark J. Burk</td><td>09/11/2009</td></tr><tr><td>Anthony P. Burgard</td><td>09/10/2009</td></tr><tr><td>Priti Pharkya</td><td>09/11/2009</td></tr></tbody></table>		Name	Execution Date	Mark J. Burk	09/11/2009	Anthony P. Burgard	09/10/2009	Priti Pharkya	09/11/2009		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Genomatica, Inc.</td></tr><tr><td>Street Address:</td><td>10520 Wateridge Circle</td></tr><tr><td>City:</td><td>San Diego</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92121</td></tr></table>		Name:	Genomatica, Inc.	Street Address:	10520 Wateridge Circle	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (858)720-7800 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	066662-0230 / 10746										
NAME OF SUBMITTER:	Victor Behar										
Total Attachments: 3 source=Executed Assignment#page1.tif											

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PATENT
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Docket No.: 066662-0230

ASSIGNMENT

WHEREAS We, BURK, Mark J., of San Diego, CA; BURGARD, Anthony P., of Bellefonte, PA; and PHARKYA, Priti, of San Diego, CA, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled MICROORGANISMS AND METHODS FOR THE BIOSYNTHESIS OF FUMARATE, MALATE, AND ACRYLATE, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on June 17, 2009, and identified by United States Application No. 12/486,724;

AND WHEREAS, Genomatica, Inc., a corporation of the State of California and having an address of 10520 Wateridge Circle, San Diego, CA 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;

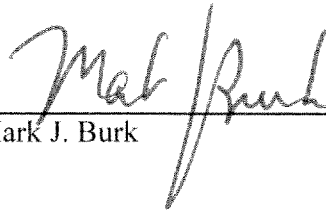
UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional 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.

Date

September 11, 2009

Mark J. Burk



State of California)

County of San Diego) ss.

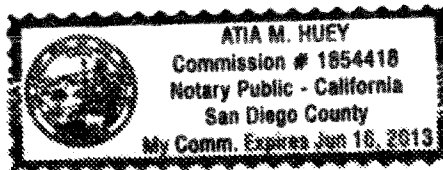
On Sept. 11, 2009 before me, Atia M. Huey,
 personally appeared Mark Burk who
 proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
 subscribed to the within instrument and Acknowledged to me that he/she/they executed the same
 in his/her/their authorized capacity(ies), 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.

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.



Notary Public

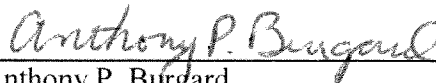


NOTARY PUBLIC SEAL

Date

9-10-09

Anthony P. Burgard



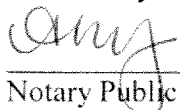
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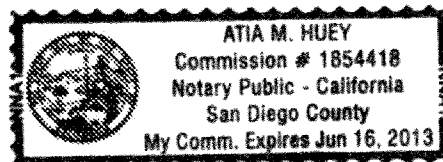
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 subscribed to the within instrument and Acknowledged to me that he/she/they executed the same
 in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument
 the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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Witness my hand and official seal.



Notary Public



NOTARY PUBLIC SEAL

Date Sep 11, 2009 Priti
Priti Pharkya

State of California)
) ss.
County of SAN DIEGO)

On Sept. 11, 2009 before me, Atia M. Hurley,
personally appeared Prith Pharyja who
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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
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Amey
Notary Public

