

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2604277

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>J. CRAIG VENTER</td> <td>10/10/2013</td> </tr> <tr> <td>DANIEL G. GIBSON</td> <td>10/22/2013</td> </tr> <tr> <td>JOHN E. GILL</td> <td>10/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	J. CRAIG VENTER	10/10/2013	DANIEL G. GIBSON	10/22/2013	JOHN E. GILL	10/17/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SYNTHETIC GENOMICS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>11149 NORTH TORREY PINES ROAD</td> </tr> <tr> <td>City:</td> <td>LA JOLLA</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92037</td> </tr> </table>		Name:	SYNTHETIC GENOMICS, INC.	Street Address:	11149 NORTH TORREY PINES ROAD	City:	LA JOLLA	State/Country:	CALIFORNIA	Postal Code:	92037
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CORRESPONDENCE DATA											
Fax Number: Phone: 858-433-2214 Email: dwharry@syntheticgenomics.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: DOROTHY J. WHARRY Address Line 1: 11149 NORTH TORREY PINES ROAD Address Line 4: LA JOLLA, CALIFORNIA 92037											
NAME OF SUBMITTER:	DOROTHY J. WHARRY										
Signature:	/Dorothy J. Wharry/										
Date:	11/05/2013										
Total Attachments: 3 source=SGL-052.20US-WO-Joint Assignment-Inventors to SGI-Executed#page1.tif source=SGL-052.20US-WO-Joint Assignment-Inventors to SGI-Executed#page2.tif source=SGL-052.20US-WO-Joint Assignment-Inventors to SGI-Executed#page3.tif											

OP \$80.00 13969215

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by **J. CRAIG VENTER**, residing at **7510 Hillside Drive, La Jolla, CA 92037**; **Daniel G. GIBSON**, residing at **5241 Shelley Place, Carlsbad, CA 92008**; and **John E. GILL**, residing at **1432 Dolphin Court, San Marcos, CA 92078**; (hereinafter referred to as the assignors), witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in the inventions described and claimed in the application entitled, **"DIGITAL TO BIOLOGICAL CONVERTER"** filed on **August 16, 2013** for:

Application for Letters Patent of the United States, bearing Serial No. 13/969,215
International Patent Application, bearing Serial No. PCT/US13/55454

and;

WHEREAS, **SYNTHETIC GENOMICS, INC.**, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at **11149 North Torrey Pines Road, La Jolla, CA 92037**, (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the applications for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever assignee or counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said

Date: 10-17-13

Signature: *John E. Gill*
Name: John E. Gill

STATE OF CALIFORNIA)

COUNTY OF SAN DIEGO)

On ~~Dec~~^{TUG} October 17, 2013, before me, Isirene Ulloa-Gomez, Notary Public, personally appeared John E. Gill, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within the instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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: *Isirene Ulloa-Gomez* (Seal)

