

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Paul G. Roessler</td> <td>06/30/2010</td> </tr> <tr> <td>Gena Roy</td> <td>06/30/2010</td> </tr> </tbody> </table>		Name	Execution Date	Paul G. Roessler	06/30/2010	Gena Roy	06/30/2010				
Name	Execution Date										
Paul G. Roessler	06/30/2010										
Gena Roy	06/30/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Synthetic Genomics, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>11149 N. Torrey Pines Rd.</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 N. Torrey Pines Rd.	City:	La Jolla	State/Country:	CALIFORNIA	Postal Code:	92037
Name:	Synthetic Genomics, Inc.										
Street Address:	11149 N. Torrey Pines Rd.										
City:	La Jolla										
State/Country:	CALIFORNIA										
Postal Code:	92037										
PROPERTY NUMBERS Total: 2											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12826592</td> </tr> <tr> <td>PCT Number:</td> <td>US1040498</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12826592	PCT Number:	US1040498				
Property Type	Number										
Application Number:	12826592										
PCT Number:	US1040498										
CORRESPONDENCE DATA											
<p>Fax Number: (858)754-2988</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858-754-2982</p> <p>Email: mjamroz@syntheticgenomics.com</p> <p>Correspondent Name: Megan E Jamroz</p> <p>Address Line 1: 11149 N. Torrey Pines Rd.</p> <p>Address Line 4: La Jolla, CALIFORNIA 92037</p>											
ATTORNEY DOCKET NUMBER:	SGI-021.20										
NAME OF SUBMITTER:	Megan E. Jamroz										
<p>Total Attachments: 2</p> <p>source=SGI-021.20US WO-Assignment executed-06-30-10#page1.tif</p> <p>source=SGI-021.20US WO-Assignment executed-06-30-10#page2.tif</p>											

OP \$80.00 12826592

PATENT

501222340

REEL: 024627 FRAME: 0929

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by **Paul G. ROESSLER**, residing at 11368 Monticook Court, San Diego, California 92127, USA; and **Gena ROY**, residing at 11698 Carmel Creek Road, #301, San Diego, California 92130, USA; (hereinafter referred to as the assignors), witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **ACYL-ACP THIOESTERASE GENES AND USES THEREFOR**, set forth in applications filed on June 29, 2010 for:

Letters Patent of the United States, bearing Serial No. 12/826,592

International Patent Application, bearing Serial No. PCT/US10/40498
--

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 assignor has sold, assigned, transferred and set over, and by these presents does 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 assignor hereby covenant and agrees to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner 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 assignor has 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 assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor 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

inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date: 6/30/10 Signature: Paul G. Roessler
Name: **Paul G. ROESSLER**

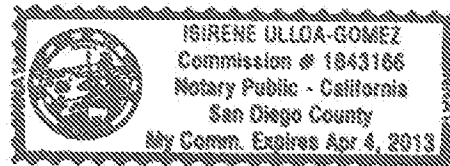
STATE OF California)
COUNTY OF San Diego)

On June 30, 2010, before me, Isirene Ulloa-Gomez, Notary Public, personally appeared Paul G. Roessler, 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)



Date: 6/30/10 Signature: Gena Roy
Name: **Gena ROY**

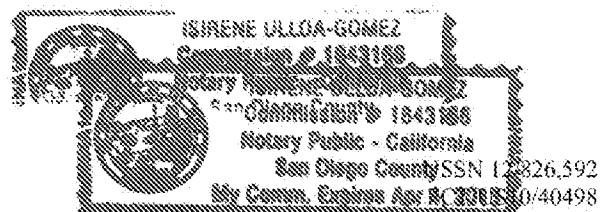
STATE OF California)
COUNTY OF San Diego)

On June 30, 2010, before me, Isirene Ulloa-Gomez, Notary Public, personally appeared Gena Roy, 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)



PATENT