

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL KALEKO	03/17/2016
SHEILA CONNELLY	03/17/2016
VINCENT JOHN WACHER	03/14/2016
RECEIVING PARTY DATA	
Name:	SYNTHETIC BIOLOGICS, INC.
Street Address:	9605 MEDICAL CENTER DRIVE
Internal Address:	SUITE 270
City:	ROCKVILLE
State/Country:	MARYLAND
Postal Code:	20850
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14757522
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	STEPHEN L. ALTIERI
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ATTORNEY DOCKET NUMBER:	SYN-008
NAME OF SUBMITTER:	STEPHEN L. ALTIERI
SIGNATURE:	/Stephen L. Altieri/
DATE SIGNED:	03/17/2016
Total Attachments: 4	
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PATENT APPLICATION
Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, inventors:

MICHAEL KALEKO

SHEILA CONNELLY

VINCENT JOHN WACHER

have created a certain invention for which an application for United States Letters Patent entitled "METHODS AND COMPOSITIONS FOR INHIBITING OR PREVENTING ADVERSE EFFECTS OF ORAL ANTIBIOTICS", was filed at the U.S. Patent and Trademark Office on December 23, 2015 and assigned U.S. Patent Application Serial No. 14/757,522.

Do hereby sell, assign and transfer to Synthetic Biologics, Inc., a corporation having a place of business at 9605 Medical Center Dr., Suite 270, Rockville, MD 20850 its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all provisionals, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree(s) that Synthetic Biologics, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has

been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Assignor(s) hereby grant(s) the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

Morgan, Lewis & Bockius LLP

Assignor(s) acknowledge(s) an obligation of assignment of this invention to Assignee at the time the invention was made.

IN THE TESTIMONY WHEREOF we have hereunto set my signature on the date indicated below.


MICHAEL KALEKO

Date: 17 march 16

Synthetic Biologics
9605 Medical Center Drive
Suite 270
Rockville, Maryland 20850
Main: 301-417-4364

United States of America)
State of MARYLAND) ss.:
County of MONTGOMER)

On this 17TH day of MARCH, 2016, before me personally came MICHAEL KALEKO, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

JENNIFER C. BLESSING
NOTARY PUBLIC
FREDERICK COUNTY
MARYLAND
MY COMMISSION EXPIRES DEC. 9, 2019

Sheila Connelly
SHEILA CONNELLY

Date: 17 March 2016

United States of America)
State of MARYLAND) ss.:
County of MONTGOMERY

Synthetic Biologics
9605 Medical Center Drive
Suite 270
Rockville, Maryland 20850
Main: 301-417-4364

On this 17th day of MARCH, 2016, before me personally came SHEILA CONNELLY, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Jennifer C. Blessing

Notary Public

JENNIFER C. BLESSING
NOTARY PUBLIC
FREDERICK COUNTY
MARYLAND
MY COMMISSION EXPIRES DEC. 9, 2019

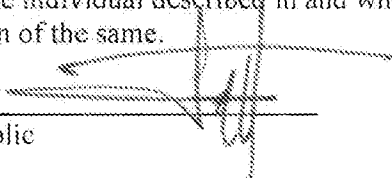


VINCENT JOHN WACHER

Date: 14 March 2016

United States of America)
State of CA) ss.:
County of San Diego)

On this 14th day of MARCH, 2016, before me personally came Vincent John Wachter, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

