#### 505452031 04/30/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5498832

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AMY L. MANLEY	04/29/2019
LYNNE GARRITY-RYAN	04/25/2019
S. KEN TANAKA	04/25/2019

### **RECEIVING PARTY DATA**

Postal Code:	02116	
State/Country:	MASSACHUSETTS	
City:	BOSTON	
Street Address:	75 PARK PLAZA, 4TH FLOOR	
Name:	PARATEK PHARMACEUTICALS, INC.	

### **PROPERTY NUMBERS Total: 7**

Property Type	Number
Application Number:	15798573
PCT Number:	US2017059165
Application Number:	62514415
Application Number:	62500611
Application Number:	62480516
Application Number:	62422843
Application Number:	62416010

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	YU LU, PH.D.
SIGNATURE:	/Yu Lu/

**PATENT** REEL: 049030 FRAME: 0434 505452031

DATE SIGNED:	04/30/2019	
Total Attachments: 10		
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PATENT REEL: 049030 FRAME: 0435

#### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor (hereinafter referred to as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

PARATEK PHARMACEUTICALS, INC. 75 Park Plaza, 4<sup>th</sup> Floor Boston, MA 02116

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

### 9-AMINOMETHYL MINOCYCLINE COMPOUNDS AND USE THEREOF IN TREATING COMMUNITY-ACQUIRED BACTERIAL PNEUMONIA (CABP)

as set forth in

United States Provisional Application No. 62/416,010, filed on November 1, 2016; United States Provisional Application No. 62/422,843, filed on November 16, 2016; United States Provisional Application No. 62/480,516, filed on August 2, 2017; United States Provisional Application No. 62/500,611, filed on May 3, 2017; United States Provisional Application No. 62/514,415, filed on June 2, 2017; United States Patent Application No. 15/798573, filed on October 31, 2017; and, International Patent Application No. PCT/US2017/059165, filed on October 31, 2017

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified applications and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of McCarter & English, LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English**, **LLP** do not personally represent ASSIGNOR OR ASSIGNORS' legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Amy Mantey

Witnessed by:

2019

Print Name: SUSAN

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april 25, 2019

Lynne Garrity-Ryan

Witnessed by:

Print Name:

Page 3 of 3

PATENT REEL: 049030 FRAME: 0442

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<u> April 25, 2011</u> Date

S. Ken Tanaka

Witnessed by:

4-25-19 Date

Print Name: 4401877NE TANAVA

**RECORDED: 04/30/2019**