

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3823275

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STUART B. LEVY	04/15/2004
MICHAEL DRAPER	04/15/2004
MARK L. NELSON	04/15/2004
GRAHAM JONES	04/15/2004
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<b>Name:</b>	PARATEK PHARMACEUTICALS, INC.
<b>Street Address:</b>	75 PARK PLAZA, 4TH FLOOR
<b>City:</b>	BOSTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02116
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14790179
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	124418-20505
<b>NAME OF SUBMITTER:</b>	YU LU, PH.D.
<b>SIGNATURE:</b>	/Yu Lu/
<b>DATE SIGNED:</b>	04/11/2016
<b>Total Attachments: 6</b>	
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## ASSIGNMENT BY INVENTORS

WE, Stuart B. LEVY; Michael DRAPER; Mark L. NELSON; and Graham JONES, of Boston, Massachusetts; Plaistow, New Hampshire; Norfolk, Massachusetts; and Needham, Massachusetts, respectively, in consideration of One Dollar and other valuable consideration paid to us by

Paratek Pharmaceuticals, Inc.

a Corporation of Delaware, having its principal place of business at 75 Kneeland Street, Boston, Massachusetts 02111, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Paratek Pharmaceuticals, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

### METHODS OF USING SUBSTITUTED TETRACYCLINE COMPOUNDS TO MODULATE RNA

described in an application

Executed by us of even date herewith and about to be filed

or

Application No. 10/692764, filed on October 24, 2003

This application claims the benefit of the following provisional application(s):

Application No. 60/421248, filed on October 24, 2002

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

U.S.S.N. 10/692,764

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

  
Stuart B. Levy

Date: April 15, 2004

United States of America )  
Commonwealth of Massachusetts ) ss.:  
County of Suffolk )

On this 15th day of April, 2004 before me, the  
the undersigned notary public, personally appeared Stuart B. Levy,  
proved to me through satisfactory evidence of identification,  
which was Stuart B. Levy, to be the person whose name  
is signed on the preceding or attached document in my presence.

Kathleen Williams (official signature and seal of notary)

My commission expires December 23, 2005

**KATHLEEN WILLIAMS**  
**NOTARY PUBLIC**  
My Commission Expires December 23, 2005

  
Michael Draper

Date: April 15, 2004

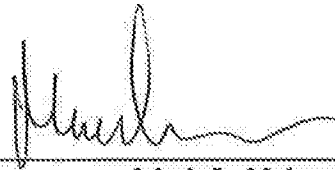
United States of America )  
Commonwealth of Massachusetts ) ss.:  
County of Suffolk )

On this 15th day of April, 2004 before me, the  
the undersigned notary public, personally appeared Michael Draper,  
proved to me through satisfactory evidence of identification,  
which was Michael Draper, to be the person whose name  
is signed on the preceding or attached document in my presence.

Kathleen Williams (official signature and seal of notary)

My commission expires December 23, 2005

**KATHLEEN WILLIAMS**  
**NOTARY PUBLIC**  
My Commission Expires December 23, 2005

  
\_\_\_\_\_  
Mark L. Nelson

Date: April 15, 2004

United States of America  
Commonwealth of Massachusetts ) ss.:  
County of Suffolk )

On this 15th day of April, 2004 before me, the  
the undersigned notary public, personally appeared Mark L. Nelson,  
proved to me through satisfactory evidence of identification,  
which was Mark L. Nelson, to be the person whose name  
is signed on the preceding or attached document in my presence.

Kathleen Williams (official signature and seal of notary)

My commission expires December 23, 2005

**KATHLEEN WILLIAMS**  
**NOTARY PUBLIC**  
My Commission Expires December 23, 2005

Graham Jones  
Graham Jones

Date: April 15, 2004

United States of America )  
Commonwealth of Massachusetts ) ss.:  
County of Suffolk )

On this 15th day of April, 2004 before me, the  
the undersigned notary public, personally appeared Graham Jones,  
proved to me through satisfactory evidence of identification,  
which was Graham Jones, to be the person whose name  
is signed on the preceding or attached document in my presence.

Kathleen Williams (official signature and seal of notary)

My commission expires December 23, 2005

**KATHLEEN WILLIAMS**  
**NOTARY PUBLIC**  
My Commission Expires December 23, 2005