

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Mark L. Nelson</td><td>01/21/2005</td></tr><tr><td>Kwasi Ohemeng</td><td>01/31/2005</td></tr><tr><td>Upul Bandarage</td><td>06/14/2005</td></tr><tr><td>Jackson Chen</td><td>02/06/2005</td></tr><tr><td>Mohamed Y. Ismail</td><td>01/31/2005</td></tr><tr><td>Oak K. Kim</td><td>01/31/2005</td></tr></tbody></table>		Name	Execution Date	Mark L. Nelson	01/21/2005	Kwasi Ohemeng	01/31/2005	Upul Bandarage	06/14/2005	Jackson Chen	02/06/2005	Mohamed Y. Ismail	01/31/2005	Oak K. Kim	01/31/2005
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Mark L. Nelson	01/21/2005														
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Upul Bandarage	06/14/2005														
Jackson Chen	02/06/2005														
Mohamed Y. Ismail	01/31/2005														
Oak K. Kim	01/31/2005														
RECEIVING PARTY DATA															
Name:	Paratek Pharmaceuticals, Inc.														
Street Address:	75 Kneeland Street														
City:	Boston														
State/Country:	MASSACHUSETTS														
Postal Code:	02111														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11069197</td></tr></tbody></table>		Property Type	Number	Application Number:	11069197										
Property Type	Number														
Application Number:	11069197														
CORRESPONDENCE DATA															
Fax Number:	(617)542-2241														
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Address Line 4:	Boston, MASSACHUSETTS 02111														
ATTORNEY DOCKET NUMBER:	16534-538 C02 US														
NAME OF SUBMITTER:	Susan Lanney														

OP \$40.00 11069197

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PATENT
REEL: 023990 FRAME: 0143

Total Attachments: 8

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ASSIGNMENT BY INVENTORS

WE, Mark L. NELSON; Kwasi OHEMENG; Upul BANDARAGE; Jackson CHEN; Mohamed Y. ISMAIL; and Oak K. KIM, of Norfolk, Massachusetts; Norwood, Massachusetts; Lexington, Massachusetts; Williamsville, New York; Bedford, Massachusetts; and Cambridge, 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

3, 10, AND 12a SUBSTITUTED TETRACYCLINE COMPOUNDS

described in an application

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

or

☒ Application No. 10/619653, filed on July 14, 2003
Application No. 10/853537, filed on May 24, 2004

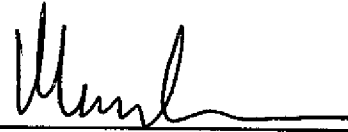
This application claims the benefit of the following provisional application(s):

☒ Provisional Application No. 60/395696, filed on July 12, 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.

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.



Mark L. Nelson

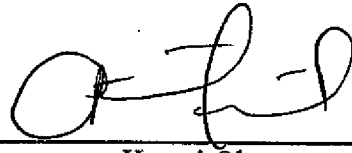
Date: Jan 31, 2005

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

On this 31st day of January, 2005 before me, the
the undersigned notary public, personally appeared Mark L. Nelson
(name of document signer), proved to me through satisfactory evidence of identification,
which was MA Driver's License, 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



Kwasi Ohemeng

Date: Jan 31, 2005

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

On this 31st day of January, 2005 before me, the
the undersigned notary public, personally appeared Kwasi Ohemeng
(name of document signer), proved to me through satisfactory evidence of identification,
which was CT Drivers License, to be the person whose name
is signed on the preceding or attached document in my presence.

Kathleen Willey (official signature and seal of notary)

My commission expires December 23, 2005

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.


Upul Bandarage

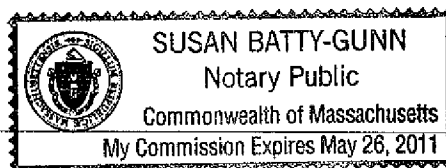
Date: 06.14.05

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

On this 14th day of June, 2005 before me, the
the undersigned notary public, personally appeared Upul Bandarage
(name of document signer), proved to me through satisfactory evidence of identification,
which was Drivers License, to be the person whose name
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)

My commission expires 5/26/11



Jing Chen

Jackson Chen

Date:

2/6/05

United States of America)

State of

New York

) ss.:

County of

Erie

)

On this 7th day of February, 2005 before me, the
the undersigned notary public, personally appeared Jackson Chen

(name of document signer), proved to me through satisfactory evidence of identification,

which was NYDL, to be the person whose name
is signed on the preceding or attached document in my presence.

Patricia A. Kopaskie (official signature and seal of notary)

My commission expires

June 1, 2008

PATRICIA A. KOPASKIE
NOTARY PUBLIC - STATE OF NEW YORK
NO. 01KO6110749
QUALIFIED IN ERIE COUNTY
MY COMMISSION EXPIRES JUNE 1, 2008

Mohamed Y. Ismail
Mohamed Y. Ismail

Date: Jan. 31, 2005

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

On this 31st day of January, 2005 before me, the
the undersigned notary public, personally appeared Mohamed Y. Ismail
(name of document signer), proved to me through satisfactory evidence of identification,
which was MA Driver's License, 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

Oak K. Kim

Oak K. Kim

Date: Jan. 31, 2005

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

On this 31st day of January, 2005 before me, the
the undersigned notary public, personally appeared Oak K. Kim
(name of document signer), proved to me through satisfactory evidence of identification,
which was MA Drivers License, 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