503069375 11/20/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK L. NELSON	02/02/2005
KWASI OHEMENG	02/02/2005
PAUL ABATO	02/02/2005
VICTOR AMOO	02/02/2005
HAREGEWEIN ASSEFA	02/02/2005
JOEL BERNIAC	02/02/2005
BEENA BHATIA	02/02/2005
TODD BOWSER	02/02/2005
JACKSON CHEN	02/06/2005
MARK GRIER	02/02/2005
LAURA HONEYMAN	02/02/2005
MOHAMED Y. ISMAIL	02/02/2005
OAK K. KIM	02/02/2005
JUDE MATHEWS	02/22/2005
RACHID MECHICHE	02/02/2005

RECEIVING PARTY DATA

Name:	PARATEK PHARMACEUTICALS, INC.
Street Address:	75 KNEELAND STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02111

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14281357

CORRESPONDENCE DATA

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PATENT

503069375 REEL: 034216 FRAME: 0970

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ATTORNEY DOCKET NUMBER:	124418-23105
NAME OF SUBMITTER:	ELIZABETH A. HANLEY, ESQ.
SIGNATURE:	/Elizabeth A. Hanley/
DATE SIGNED:	11/20/2014

Total Attachments: 17

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> PATENT REEL: 034216 FRAME: 0971

ASSIGNMENT BY INVENTORS

WE, Mark L. NELSON; Kwasi OHEMENG; Paul ABATO; Victor AMOO; Haregewein ASSEFA; Joel BERNIAC; Beena BHATIA; Todd BOWSER; Jackson CHEN; Mark GRIER; Laura HONEYMAN; Mohamed Y. ISMAIL; Oak K. KIM; Jude MATHEWS; and Rachid MECHICHE, of Norfolk, Massachusetts; Norwood, Massachusetts; Providence, Rhode Island; Daphne, Alabama; Braintree, Massachusetts; Stoneham, Massachusetts; Mansfield, Massachusetts; Charlton, Massachusetts; Williamsville, New York; Cambridge, Massachusetts; Roslindale, Massachusetts; Bedford, Massachusetts; Cambridge, Massachusetts; Gloucester, Massachusetts; and South Boston, 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

SUBSTITUTED TETRACYCLINE COMPOUNDS

described in an application
Executed by us of even date herewith and about to be filed
or
X Application No. 10/877928, filed on June 25, 2004
This application claims the benefit of the following provisional application(s):
Provisional Application No. 60/486017, filed on July 9, 2003 Provisional Application No. 60/525287, filed on November 25, 2003 Provisional Application No. 60/530123, filed on December 16, 2003

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

PAZ-231CP PATENT REEL: 034216 FRAME: 0972 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.

Annun	Mark L. Nelson
Date: Ferning 2,2005	
United States of America	
Commonwealth of Massachusetts ss.:	
County of Suffalk)	
On this 2d day of February	2005 before me, the Mark L. Nelson
the undersigned notary public, personally appeared	
(name of document signer), proved to me through sati	
which was MACDODERS LICENSE	to be the person whose name
is signed on the preceding or attached document in my	presence.
Kathloon Williams (of	icial signature and seal of notary)
My commission expires December &	23,2005

	Kwasi Ohemeng			
Date: <u>Feb 2,2005</u>				
United States of America)			
Commonwealth of Massachusetts) ss.:			
County of Siffalk				
On this 2nd day of Febru	<u>vay</u>	*	2005	before me, the
the undersigned notary public, personally app	pear ed 🔪 🤼	wasi Oh	emeng	
(name of document signer), proved to me thr		-		
which was <u>CTDrivers Lic</u>	ensy		to be the r	erson whose name
is signed on the preceding or attached docum	ent in my p	resence.		
Hataleen WOD:	(offici	al signat	ure and sea	d of notary)
My commission expires Decays	oer 23	200)	

	Paul A	<u>H</u>	-
	The Particle Control of the Control	Paul Abat	Ю.
Date: <u>2/2/2005</u>			
United States of America () as such u set State of — Rhode Island) ss County of <u>Sate (k</u>	15		
County of Safe (V)			
On this 2 day of tebruary the undersigned notary public, personally appeare	Paul Abato	2005	before me, the
(name of document signer), proved to me through	satisfactory evid	lence of ide	ntification,
which was QT Driver's L	cense,	to be the pe	rson whose name
is signed on the preceding or attached document in			
Kathloon WOlians	official signatu	ire and seal	of notary)
My commission expires Decembe	r 23 2	005	

Victor Amoo	
Date: February 2,2005	
United States of America	
Commonwealth of Massachusetts ss.:	
County of Satistic)	
On this day of, 2005 before me the undersigned notary public, personally appeared Victor Amoo	, the
(name of document signer), proved to me through satisfactory evidence of identification,	·iminaaaaaaaa
which was AL Drivers License, to be the person whose	name
is signed on the preceding or attached document in my presence.	
<u>Rath Con Wolliams</u> (official signature and seal of notary)	
My commission expires December 23 2005	

Haregewein Assela
Jangegewein Asseta
Date: February 2,2005
United States of America)
Commonwealth of Masschusetts ss.:
County of Suffell
On this 200 day of telegraphy, 2005 before me, the the undersigned notary public, personally appeared Haregewein Assefa
(name of document signer), proved to me through satisfactory evidence of identification,
which was MA Lover's Lover's 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 December 23,205

		Jugi Den	nac
Date: Feb 2nd, 2005			
United States of America)			
Commonwealth of Massachusetts s	3		
County of <u>ScHolk</u>)			
On this 2nd day of Februa	ri ,	2005	before me, the
the undersigned notary public, personally appear	ed Joel Bo	erniac	
(name of document signer), proved to me throug	a satisfactory	evidence of i	dentification,
which was MA Dowers Licen	546	to be the	person whose name
is signed on the preceding or attached document			
		nature and se	
My commission expires <u>Secembe</u>	- 23,2	005	

Beena Bhatia
Date: 02/02/05
United States of America Commonwealth of Massachusetts ss.: County of
On this Q day of <u>February</u> , 2005 before me, the the undersigned notary public, personally appeared <u>Beena Bhatia</u> (name of document signer), proved to me through satisfactory evidence of identification, which was <u>MADOURE LICENSE</u> , to be the person whose name is signed on the preceding or attached document in my presence.
Action Ulliano (official signature and seal of notary) My commission expires December 23, 2005

REEL: 034216 FRAME: 0980

Date: Feb. 2 7 005	
Inited States of America)	
Commonwealth of Massachusetts ss.:	
County of Sicker (County of Si	
On this 2 day of February, 2005 before me, the	
he undersigned notary public, personally appeared Todd Bowser	
name of document signer), proved to me through satisfactory evidence of identification,	
which was MA 1 Dect Licence, to be the person whose name	
s signed on the preceding or attached document in my presence.	
2 athlean Wham I (official signature and seal of notary)	
My commission expires $\frac{December 232005}{}$	e.

				2100	Lam.
;		-	Gackson Chen		
Date: ===2/b/	0	*			
United States of America)			
State of	New York) 88.3			
County of	Eric				
the undersigned notary pu		peared Ja	ickson C		before me, the
(name of document signer					
which was <u>NYD</u>			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	to be the p	erson whose name
is signed on the preceding	or attached docum	ient in my pr	esence.		
Latarda.	a Hipes		al signat	ure and sea	d of notary)
My commission expires	June	1,0008			

PATRICIA A. KOPASKIE
NUTARY PUBLIC - STATE OF NEW YORK
NO. 01KO6110749
GUALIFIED IN ERIE COUNTY
MY COMMISSION EXPIRES JUNE 1, 20

Mark Grier

Date:	
United States of America Commonwealth of Cossochuse the ss.: County of Sufficient State of America Commonwealth of Sufficient State of America Sufficient Sta	
On this QQ day of February , 2005 before me, the undersigned notary public, personally appeared Mark Grier	
(name of document signer), proved to me through satisfactory evidence of identification, which was $(n + 1) + (n + 1$	me
Authlean Wollams (official signature and seal of notary)	
My commission expires December 23, 2005	

	<u>ZZTUWU HAVYMAN :</u>
	Laura Honeyman
Date: <u>July 2, 2009</u>	
United States of America)	
Commonwealth of Massachusetts ss.:	
County of Safe V	
On this day of day of the undersigned notary public, personally appeared	- Kaura Honeyman
(name of document signer), proved to me through:	
	enso , 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 December	<u>- 23, 2005</u>

	3.4.	Airenne ann an Aire	Torros ?
	1446	ohamed Y	, isinan
Date: Feb. 2, 2005			
United States of America			
Commonwealth of Massachusetts) ss.:			
County of Shittell (
On this 2nd day of February	M	2005	before me, the
the undersigned notary public, personally appeared	Mohamed	Y. Ismail	***************************************
(name of document signer), proved to me through 8			
which was MA Drivers Lic	<u> </u>	to be the p	person whose name
is signed on the preceding or attached document in	my presence.		
Karthoon Ul Dollans (official signatı	are and sea	al of notary)
My commission expires 12000	ber 523	3.20	05

Out K. Kon
Oak K. Kim
Date: <u>Feb. 02, 2005</u>
United States of America)
Commonwealth of Massachusetts ss.:
County of Surface (
On this day of,,
(name of document signer), proved to me through satisfactory evidence of identification,
which was MA Daver's License, to be the person whose name
is signed on the preceding or attached document in my presence.
2 (official signature and seal of notary)
My commission expires December 23,2005

Date:	2-22-85		V		
United States of A Commonwealth of County of)) ss.: 			
On this	day of			2005	before me, the
	tary public, personally ap	peared	Jude Mati		
which was	t signer), proved to me th		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		entification, erson whose name
is signed on the br	eceding or attached docun	11C111 111 111	y presence.		
		(of	ficial signat	ure and sea	l of notary)
My commission ex	cpires				

REEL: 034216 FRAME: 0987

Rachid Mechiche

Date: <u>Q2/02 / 200 S</u>
United States of America Commonwealth of Massachusetts ss.: County of
On this
A ath Opan UDDiama. (official signature and seal of notary)
My commission expires December 23 2005