PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Laura McIntyre	10/09/2001
Todd E. Bowser	10/09/2001
Beena Bhatia	10/03/2001
David Messersmith	03/06/2002
Paul Sheahan	10/11/2001
Paul Hawkins	11/19/2001
Atul Verma	10/04/2001
Tadeusz Warchol	10/09/2001
Upul Bandarage	10/05/2001
Roger Frechette	10/04/2001
Peter Viski	10/15/2001

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:	12481368

CORRESPONDENCE DATA

Fax Number: (617)542-2241

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617/542-6000
Email: drdoyle@mintz.com

Correspondent Name: Mintz, Levin, Cohn, Ferris, Glovsky etal

PATENT REEL: 023139 FRAME: 0726 P \$40.00 12481368

OD \$40 00

500944533 REEL: 023139 I

Address Line 1: One Financial Center Address Line 4: Boston, MASSACHUSETTS 02111 ATTORNEY DOCKET NUMBER: 16534-518C02US NAME OF SUBMITTER: 08/24/2009 **Total Attachments: 12** source=16534_518C02US_AssignP_P#page1.tif source=16534_518C02US_AssignP_P#page2.tif source=16534_518C02US_AssignP_P#page3.tif source=16534_518C02US_AssignP_P#page4.tif source=16534_518C02US_AssignP_P#page5.tif source=16534_518C02US_AssignP_P#page6.tif source=16534_518C02US_AssignPP#page1.tif source=16534_518C02US_AssignPP#page2.tif source=16534_518C02US_AssignPP#page3.tif source=16534_518C02US_AssignPP#page4.tif source=16534_518C02US_AssignPP#page5.tif source=16534_518C02US_AssignPP#page6.tif

> PATENT REEL: 023139 FRAME: 0727

ASSIGNMENT



We, Roger Frechette of Reading, Massachusetts, Peter Viski of Brookline, Massachusetts, Laura McIntyre of Cambridge, Massachusetts, Todd E. Bowser of Charlton, Massachusetts, Beena Bhatia of Arlington, Massachusetts, David Messersmith of Somerville, Massachusetts, Paul Sheahan of Hopkinton, Massachusetts, Paul Hawkins of Cambridge, Massachusetts, Atul Verma of Arlington, Massachusetts, Tadeusz Warchol, of Acton, Massachusetts and Upul Bandarage of Newton, Massachusetts, 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, MA 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

7- SUBSTITUTED TETRACYCLINE COMPOUNDS

described in an application

- executed by us of even date herewith and about to be filed
- Serial No. 09/895,812, filed on June 29, 2001

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.

based thereon to said corporation, its st	
WITNESS my hand and seal th	is 4th day of October, 2001.
	By: Roger Frechette
Commonwealth of Massachusetts)	1 Rogor Fronting
County of Middlesex)s	S
Then personally appeared the above instrument to be his free act and deed, be	named Roger Frechette and acknowledged the foregoing pefore me, this day of, 2001.
	Clarini Orton Best

Notary Public

My commission expires: ATENT 2006

REEL: 023139 FRAME: 0728

Attorney Docket No.: GAZ-080CP

WITNESS my hand and sea	ıl this	day of	f_ October_, 2001.	
,			By: Peter Viski	
Commonwealth of Massachusetts County of Middlesex))ss)			
Then personally appeared the abov to be his free act and deed, before n	e named Peter ne, this 15 th	Viski an day of <u>/</u>	nd acknowledged the foregoing ins Ctalun, 2001.	trument
			Mary Staceffa Notary Public	1
			My commission expires: Maulic	<u>4, 2</u> 068
WITNESS my hand and sea	l this	_ day of]	, 2001.	
			By:Laura McIntyre	
Commonwealth of Massachusetts))ss		•	
County of)			
Then personally appeared the aboundary				
				_
			Notary Public	
			My commission expires:	*****

WITNESS my hand and seal	this	944	_day of	Oct	rbe/	_, 2001.
				Ву: _	Todd E. Bo	owser
Commonwealth of Massachusetts County of Middlesex))ss)					
Then personally appeared the aborinstrument to be his free act and deed	ve nam					
				O Notar	Durnāu y Public	Otra Best
				Му со	ommission ex	pires: <u>NA 17</u> 2006
WITNESS my hand and seal	this	3			Beena B Beena Bhati	3haha
Commonwealth of Massachusetts County of Musclesex))ss)					
Then personally appeared the aboundary instrument to be her free act and deed						
			<u>!</u>	Ostary Notary	Worns C Public	rtin Zest
			:	Му со	mmission exp	oires: 12006

WITNESS my hand and seal	this OC	_day of _	March (, 2002	0
		•	By: David M	ed Process Lessersmith	mel
			David Iv	boscialiitii	
Commonwealth of Massachusetts)				
County of Middlesup)ss)				
Then personally appeared the above instrument to be his free act and dee	re named Dav d, before me, t	id Messe his day o	ersmith and ackroof 6 day 14	aul, 2001.	foregoing
			Notary Public My commission		n/a
WITNESS my hand and seal	this 6	_day of _	Nach	, 2002	
			By: Paul She	ahan	
Commonwealth of Massachusetts)				
County of)ss)				
Then personally appeared the abinstrument to be his free act and dee					foregoing
	•	:	Notary Public		
			My commission	expires:	

WITNESS my hand and sea	this <u>19</u>	day of	November	, 2001.
			By: Paul Haw	unium kins
Commonwealth of Massachusetts)			
County of)ss)			
Then personally appeared the abinstrument to be his free act and dee	ove name d, before n	d Paul Ha ne, this day	wkins and acknow of <u>November 2</u>	wledged the foregoing
			Notary Public	e Mahan
			My commission e	xpires: 4 2 04
WITNESS my hand and seal	this	day of		, 2001.
			By: Atul Verm	aa
Commonwealth of Massachusetts))ss			
County of	j			
Then personally appeared the above to be his free act and deed, before m				
			Notary Public	
			My commission e	xpires:

WITNESS my hand and seal this day of, 2001.
By: Tadeusz Warchol
Commonwealth of Massachusetts) Solution (State of Massachusetts) County of Massachusetts)
Then personally appeared the above named Tadeusz Warchol and acknowledged the foregoing instrument to be his free act and deed, before me, this // day of, 2001.
Adressin Ostes Zest Notary Public
My commission expires: Not 17-2006
WITNESS my hand and seal this day of October, 2001.
By: Dee Boulye Upul Bandarage
Commonwealth of Massachusetts))ss County of Mildlesex)
Then personally appeared the above named Upul Bandarage and acknowledged the foregoing instrument to be her free act and deed, before me, this/_ day of, 2001.
Oldsvoine Orten Zeet Notary Public
My commission expires: Nr. 17 2006

ASSIGNMENT



We, Roger Frechette of Reading, Massachusetts, Peter Viski of Brookline, Massachusetts, Laura McIntyre of Cambridge, Massachusetts, Todd E. Bowser of Charlton, Massachusetts, Beena Bhatia of Arlington, Massachusetts, David Messersmith of Somerville, Massachusetts, Paul Sheahan of Hopkinton, Massachusetts, Paul Hawkins of Cambridge, Massachusetts, Atul Verma of Arlington, Massachusetts, Tadeusz Warchol, of Acton, Massachusetts and Upul Bandarage of Newton, Massachusetts, 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, MA 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

7- SUBSTITUTED TETRACYCLINE COMPOUNDS

described in an application

are executed by us of even date herewith and about to be filed

Serial No. 09/895,812, filed on June 29, 2001

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.

WITNESS my hand and seal this 4th	day of October, 2001.
	By: Roger Frechetté
Commonwealth of Massachusetts)	
County of Middlesex)ss	
Then personally appeared the above named Rog instrument to be his free act and deed, before me, the	
	Chermin Oston 3est
	Notary Public

My commission expires: Nrv 17 2006

REEL: 023139 FRAME: 0734

WITNESS my hand and sea	l this	day of	, 2001.
		By:	er Viski
		Pet	er Viski
Commonwealth of Massachusetts))ss		
County of	.).	:	
Then personally appeared the above to be his free act and deed, before m	e named Pone, this	eter Viski and acknowle day of	dged the foregoing instrument , 2001.
		Notary Pul	plic
		My commi	ssion expires:
WITNESS my hand and sea	this	day of Octo	ber., 2001. auga McIntyn ira McIntyre
Commonwealth of Massachusetts County of Malles ex))ss)		
Then personally appeared the aboundary instrument to be her free act and dee	ove named ed, before r	Laura McIntyre and ne, this // day of	acknowledged the foregoing October, 2001.
		Notary Pub	nu Orten Zest dic
		My commi	ssion expires: Nr. 17206

WITNESS my hand and sea	this 9th day of	* October	_, 2001.
		By: Johl 4. for Todd E. Bo	wser
Commonwealth of Massachusetts County of Mulliex Then personally appeared the aborinstrument to be his free act and deep))ss) ve named Todd E. l d, before me, this day	of 0d 11	, 2001.
		riotaly radic	Ota Sect Dires: NA 17 2006
WITNESS my hand and seal	this <u>3</u> day of	October By: <u>Beera B</u> Beena Bhati	
Commonwealth of Massachusetts County of Mullesia))ss)	·	
Then personally appeared the aboundary instrument to be her free act and deep	ove named Beena B d, before me, this/	thatia and acknowled day of Oct. Character Ch	, 2001.
		My commission exp	ires: <u>Nm 17206</u> 6

Attorney Docket No.: GAZ-080CP

WITNESS my hand and sea	l this	day of	, 2001.
			By:
Commonwealth of Massachusetts County of Then personally appeared the above instrument to be his free act and deep))ss) ve named	David Messone this day	ersmith and acknowledged the foregoing
instrument to be his free act and dec	a, before i	ne, uns day	Notary Public
			My commission expires:
WITNESS my hand and sea	l this	th day of	October, 2001. By: Rul Whihan Paul Sheahan
Commonwealth of Massachusetts County of Mildles ex))ss)		
Then personally appeared the abinstrument to be his free act and dee	ove name ed, before n	d Paul She	ahan and acknowledged the foregoing of Other 11, 2001.
			Notary Public
			My commission expires: 1/1 /2 2000

WITNESS my hand and sea	l this	day of	, 2001.
		By:	Paul Hawkins
Commonwealth of Massachusetts))ss		
County of)		
Then personally appeared the abinstrument to be his free act and dec	oove name ed, before i	ed Paul Hawkins me, this day of	and acknowledged the foregoing , 2001.
		Note	ary Public
		My	commission expires:
WITNESS my hand and sea	I this	day of OC	Atulkuma. Atul Verma
Commonwealth of Massachusetts County of Muddlesex))ss)		
	e named Ane, this	tul Verma and ack day of 00	knowledged the foregoing instrument 4001.
		Nota	Union Otton Zeet ary Public
		Mxz	commission expires: AICK 17 2) 001

RECORDED: 08/24/2009

WITNESS my hand and seal this day of
By:
Commonwealth of Massachusetts))ss County of Malles ex Then personally appeared the above named Tadeusz Warchol and acknowledged the foregoing
instrument to be his free act and deed, before me, this// day ofO.toler, 2001. Algorithm Otton But Notary Public
My commission expires: Not 17-2006 WITNESS my hand and seal this
By: Dee Bandarage Upul Bandarage
Commonwealth of Massachusetts))ss County of Mildlesex
Then personally appeared the above named Upul Bandarage and acknowledged the foregoing instrument to be her free act and deed, before me, this//_ day of, 2001.
Notary Public My commission expires: Nr. 17 2006
·