PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DATA			
	Name	Execution Date	
Tom Thomas Puthiaparampil		03/05/2010	
Thomas Kanathkunn David		03/05/2010	
Muppala Sarveswara Raju		03/05/2010	
RECEIVING PARTY DATA			
Name: Rock Creek F	Rock Creek Pharmaceuticals, Inc.		
Street Address: 55 Blackburn	55 Blackburn Center		
City: Gloucester	Gloucester		
State/Country: MASSACHU	MASSACHUSETTS		
Postal Code: 01930	01930		
Property Type		Number	
Application Number:	12729346	1346	
CORRESPONDENCE DATA			
Fax Number: (202)824	4-3001		
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Email: sferony@bannerwitcoff.com			
Correspondent Name: Banner & Witcoff, Ltd.			
Address Line 1: 1100 13th Street, N.W. Address Line 2: Suite 1200			
	iton, DISTRICT OF COLUMBIA 20005	-4051	
ATTORNEY DOCKET NUMBER:	004859.00069		
NAME OF SUBMITTER:	Sandra Ferony		
		PATENT	

ASSIGNMENT

WHEREAS, we, Tom Thomas Puthiaparampil, Thomas Kanathkunn David, and Mappala Sarveswara Raju (hereinafter referred to as "Inventors") have invented certain new and useful improvements title "*Methods Of Synthesizing Anatabine*." If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, we hereby authorize our attorney to insert the filing date and application number below after they become known and prior to filing the recordation.

U.S. Application No. 12/729,346 filed March 23, 2010

AND WHEREAS, ROCK CREEK PHARMACEUTICALS, INC., a corporation having a place of business at 55 Blackburn Center, Gloucester, MA 01930, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in any invention, inventions, or improvements described in said Patent Application, and in and to any patent applications that may be filed thereon, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor,

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign transfer and convey, unto ROCK CREEK PHARMACEUTICALS, INC., its successor and assigns, the entire right, title and interest throughout the world, in and to said invention, inventions, or improvements described or set forth in said patent applications in any form or embodiment thereof, and in and to any applications hereafter filed in the United States or any foreign country based thereon including the right to file foreign applications under the provisions of any convention or treaty; and in and to any divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions, or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reiscues, extensions, additions or confirmations therefore which may be granted to in the United States or in any foreign country upon said invention, inventions, or improvements TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions, or improvements.

AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said invention, inventions, or improvements to said ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that WE have not executed and will not execute any instruments in conflict herewith.

AND we do hereby covenant and agree to and with ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns, that we, our executors, administrators, or other personal representatives, will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers.

PATENT REEL: 024123 FRAME: 0870

affidavits, assignments, disclaimers, and other documents, which in the opinion of counsel for said ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns, the entire right, title and interest, in and to said invention, inventions, or improvements, applications or applications, patents, right, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred, and conveyed.

IN WITNESS WHEREOF, we have hereunto set our hand on the date indicated below.

Tom Thomas Pathiaparampil

March 05, 2010

Date

QSL-5

Thomas Kanathkunn David

March 05, 2010

Date

Muppala Sarveswara Raju

Date

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ASSIGNMENT

WHEREAS, we, Tom Thomas Puthiaparampil, Thomas Kanathkunn David, and Muppala Sarveswara Raju (hereinafter referred to as "Inventors") have invented certain new and useful improvements title "*Methods Of Synthesizing Anatabine*." If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, we hereby authorize our attorney to insert the filing date and application number below after they become known and prior to filing the recordation.

U.S. Application No. 12/729, 346 _ filed March 23, 2010

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign transfer and convey, unto ROCK CREEK PHARMACEUTICALS, INC., its successor and assigns, the entire right, title and interest throughout the world, in and to said invention, inventions, or improvements described or set forth in said patent applications in any form or embodiment thereof, and in and to any applications hereafter filed in the United States or any foreign country based thereon including the right to file foreign applications under the provisions of any convention or treaty; and in and to any divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions, or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations therefore which may be granted to in the United States or in any foreign country upon said invention, inventions, or improvements TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions, or improvements.

AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said invention, inventions, or improvements to said ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that WE have not executed and will not execute any instruments in conflict herewith.

AND we do hereby covenant and agree to and with ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns, that we, our executors, administrators, or other personal representatives, will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers, and other documents, which in the opinion of-counsel for said ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said ROCK CREEK PHARMACEUTICALS, INC., its successors and assigns, the entire right, title and interest, in and to said invention, inventions, or improvements, applications or applications, patents, right, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred, and conveyed.

IN WITNESS WHEREOF, we have hereunto set our hand on the date indicated below.

Tom Thomas Puthiaparampil	Date
Thomas Kanathkunn David	Date
Muppala Sarveswara Raju	Marzh 05, 2010

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RECORDED: 03/23/2010