503023580 10/17/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3070180

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	ATA				
		Name		Execution Date	
CUBIST PHARMACEUT	ICALS, INC.			06/03/2014	
RECEIVING PARTY DA	 Т Δ				
Name:		CALIXA THERAPEUTICS, INC.			
Street Address:		HAYDEN AVENUE			
City:	LEXINGTON	-			
State/Country:	MASSACHL				
Postal Code:	02421				
	<u> </u>				
PROPERTY NUMBERS	Total: 14				
Property Type		Number			
Application Number:	1420	0383			
Application Number:	1422	8401			
Application Number:	1421	1216			
Application Number:	1421	1229			
Application Number:	1421	3532			
Application Number:	1421	14212781			
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Application Number:	1721	14214221			
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Application Number:	1421	4221 4417	_		
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Application Number: Application Number: Application Number: Application Number: Application Number:	1421 1421 1421 1421 1421 1425	4417 4324 2625			

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ATTORNEY DOCKET NUMBER:		556744: CPT-211CON3
NAME OF SUBMITTER:		BRIAN C. TRINQUE
SIGNATURE:		/BRIAN C. TRINQUE/
DATE SIGNED:		10/17/2014
Total Attachments: 5		
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ASSIGNMENT

WHEREAS, I/We, CUBIST PHARMACEUTICALS, INC. (hereinafter referred to as Assignor), a corporation duly organized under the laws of Delaware, and having its principal place of business at 65 Hayden Avenue, Lexington, Massachusetts 02421. United States is the owner by assignment of certain new and useful invention(s), described in the following Patent Applications:

All applications on APPENDIX A attached hereto

WHEREAS, CALIXA THERAPEUTICS, INC., (hereinafter referred to as Assignee) a corporation duly organized under the laws of Delaware, and having its principal place of business at 65 Hayden Avenue, Lexington, Massachusetts 02421 is desirous of acquiring all rights, title and interests in and to said invention(s) and in and to any and all patents which may be granted for or upon said invention(s) in the United States of America and anywhere in the world.

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to these inventions, and these patents, and all divisions, and continuations thereof, and all patents of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of the above patent applications (if any), as well as all rights to claim priority on the basis of this patent in any foreign country, and all applications for patent which may hereafter be filed for these inventions in any foreign country and all patents which may be granted on these inventions in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all patents for these inventions to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting these

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PATENT REEL: 033972 FRAME: 0843

inventions, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for these inventions in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

ALL of the above shall be held and enjoyed by the said CALIXA THERAPEUTICS, INC. for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

By CUBIST PHARMACEUTICALS, INC.

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Signature	
Thomas J. Desl	Rosier
Name	
Secretary	

Title

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

WITNESS

06/03/14

Date:

Lexington, MA

Signed At (City/State)

Jodi Doherty

Name Signature 06/03/14

Date

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PATENT REEL: 033972 FRAME: 0844

APPENDIX A (Cubist to Calixa Assignment)

Application No.	Filing Date	Title
14/181,041	14-Feb-2014	TAZOBACTAM ARGININE COMPOSITIONS
61/706,399	27-Sep-2012	TAZOBACTAM ARGININE ANTIBIOTIC COMPOSITIONS
PCT/US13/62256	27-Sep-2013	TAZOBACTAM ARGININE ANTIBIOTIC COMPOSITIONS
14/200,383	7-Mar-2014	TAZOBACTAM ARGININE ANTIBIOTIC COMPOSITIONS
14/228,401	28-Mar-2014	TAZOBACTAM ARGININE ANTIBIOTIC COMPOSITIONS
14/250,879	11-Apr-2014	TAZOBACTAM ARGININE ANTIBIOTIC COMPOSITIONS
61/787,725	15-Mar-2013	COMBINING CEFTOLOZANE AND A THERAPEUTICALLY EFFECTIVE AMOUNT OF TAZOBACTAM
61/882,341	25-Sep-2013	COMBINING CEFTOLOZANE AND A THERAPEUTICALLY EFFECTIVE AMOUNT OF TAZOBACTAM
14/211,216	14-Mar-2014	COMBINING CEFTOLOZANE AND A THERAPEUTICALLY EFFECTIVE AMOUNT OF TAZOBACTAM
14/211,229	14-Mar-2014	COMBINING CEFTOLOZANE AND A THERAPEUTICALLY EFFECTIVE AMOUNT OF A BETA-LACTAMASE INHIBITOR
61/782,365	14-Mar-2013	CEPHALOSPORIN COMPOSITIONS AND METHODS OF MANUFACTURE
PCT/US14/27706	14-Mar-2014	CEPHALOSPORIN COMPOSITIONS AND METHODS OF MANUFACTURE
61/793,007	15-Mar-2013	TAZOBACTAM AND CEFTOLOZANE ANTIBIOTIC COMPOSITIONS
61/792,092	15-Mar-2013	TAZOBACTAM AND CEFTOLOZANE ANTIBIOTIC COMPOSITIONS

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APPENDIX A (Cubist to Calixa Assignment)

		TAZOBACTAM AND CEFTOLOZANE
24 10 10 A. 10 A. 2	ar a saia	ANTIBIOTIC COMPOSITIONS
61/882,936	26-Sep-2013	TAZOBACTAM AND CEFTOLOZANE
		ANTIBIOTIC COMPOSITIONS
61/893,436	21-Oct-2013	
		CEFTOLOZANE PHARMACEUTICAL
14/213,532	14-Mar-2014	COMPOSITIONS
141230,332	14-19101-2014	CEFTOLOZANE PHARMACEUTICAL
		COMPOSITIONS
14/212,590	14-Mar-2014	
		CEFTOLOZANE PHARMACEUTICAL
14/212,781	14-Mar-2014	COMPOSITIONS
		CEFTOLOZANE PHARMACEUTICAL
		COMPOSITIONS
14/213,997	14-Mar-2014	
		CEFTOLOZANE-TAZOBACTAM PHARMACEUTICAL COMPOSITIONS
14/214,212	14-Mar-2014	
		CEFTOLOZANE-TAZOBACTAM
14/214,221	14-Mar-2014	PHARMACEUTICAL COMPOSITIONS
147214,225	14-11121-2014	CEPHALOSPORIN PHARMACEUTICAL
		COMPOSITIONS
14/214,417	14-Mar-2014	
		TAZOBACTAM AND CEFTOLOZANE ANTIBIOTIC COMPOSITIONS
14/214,367	14-Mar-2014	ANTIBIOTIC COMPOSITIONS
		PARENTERAL CEFTOLOZANE
14/014/204	14-Mar-2014	ANTIBIOTIC COMPOSITIONS
14/214,324	14-19181-2014	MANUFACTURING BETA-LACTAM
		COMBINATION PRODUCTS
14/212,625	14-Mar-2014	
14/214,260	14-Mar-2014	STABILIZING CEFTOLOZANE
14/214,200	14-1VHAL-2U14	CEFTOLOZANE ANTIBIOTIC
		COMPOSITIONS
PCT/US14/28642	14-Mar-2014	
		CEFTOLOZANE ANTIBIOTIC
14/251,372	11-Apr-2014	COMPOSITIONS
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5 4 (DET 1975	1. 1. 1. 1. 1. 1.	COMPOSITIONS
14/251,381	11-Apr-2014	

APPENDIX A (Cubist to Calixa Assignment)

61/875,358	9-Sep-2013	METHODS OF TREATING SUBJECTS WITH RENAL IMPAIRMENT
61/883,579	27-Sep-2013	METHODS OF TREATING SUBJECTS WITH RENAL IMPAIRMENT
61/883,530	27-Sep-2013	CEFTOLOZANE COMPOSITIONS
14/260,184	23-April-2014	ISOXAZOLE BETA-LACTAMASE INHIBITORS

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RECORDED: 10/17/2014