

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3035256

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CUBIST PHARMACEUTICALS, INC.	09/23/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CALIXA THERAPEUTICS, INC.
<b>Street Address:</b>	65 HAYDEN AVENUE
<b>City:</b>	LEXINGTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02421
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14289224
<b>Application Number:</b>	14289251
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(857)300-4001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Correspondent Name:</b>	BRIAN C. TRINQUE, PH.D., ESQ.
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<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02109
<b>ATTORNEY DOCKET NUMBER:</b>	558226 AND 557346
<b>NAME OF SUBMITTER:</b>	BRIAN C. TRINQUE, PH.D., ESQ.
<b>SIGNATURE:</b>	/Brian C. Trinque, Ph.D., Esq./
<b>DATE SIGNED:</b>	09/24/2014
<b>Total Attachments: 3</b>	
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Cubist Ref. No. C227-02/02 US  
Application No. 14/289,251  
Docket No. 558226: CPT-227B  
Filed May 28, 2014

Cubist Ref. No. C227-02/01 US  
Application No. 14/289,224  
Docket No. 557346: CPT-227  
Filed May 28, 2014

## ASSIGNMENT

WHEREAS, 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 of America, is the owner by assignment of certain new and useful invention(s), described in the following patent application:

U.S. Patent Application No. 14/289,224, filed May 28, 2014  
**SOLID FORMS OF CEFTOLOZANE**

U.S. Patent Application No. 14/289,251, filed May 28, 2014  
**SOLID FORMS OF CEFTOLOZANE**

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, said applications, and in and to any and all patents which may be granted for or upon said invention and applications 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, we, as Assignor(s), 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 entire right, title, and interest in and to this invention, and this patent application, 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 application (if any), as well as all rights to claim priority on the basis of this application in any foreign country, and all applications for patent which may hereafter be

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filed for this invention in any foreign country and all patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and 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 this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, 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 this invention 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;

AND, WE HEREBY authorize and request, if necessary, that the attorneys having Power of Attorney in this application, insert above the filing date and application number of said application when known.

ALL of the above shall be held and enjoyed by 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 patent may be granted, and we do hereby

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Application No. 14/289,224  
Docket No. 557346: CPT-227  
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authorize and request the Commissioner of Patents and Trademarks to issue the patent in  
accordance with this Assignment.

CUBIST PHARMACEUTICALS, INC.

Sep 23, 2014  
Date:

  
Signature

Thomas J. DesRosier  
Name

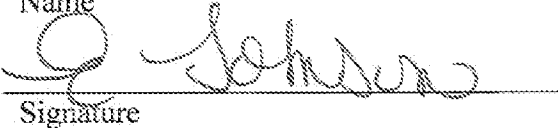
Secretary  
Title

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

WITNESS

Lexington, MA  
Signed At (City/State)

Erin Johnson  
Name

  
Signature

Sep 23, 2014  
Date