

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3238742

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	YU GUI GU	04/24/2013
	YONG HE	04/24/2013
	NING YIN	04/24/2013
	DYLAN C. ALEXANDER	04/24/2013
	JASON B. CROSS	04/24/2013
	ROBERT BUSCH	04/24/2013
	ROLAND E. DOLLE	04/24/2013
	CHESTER A. METCALF III	04/26/2013
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CUBIST PHARMACEUTICALS, 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: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14216476	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
<b>Phone:</b>	857-300-4003	
<b>Email:</b>	dcauble@lathropgage.com	
<b>Correspondent Name:</b>	BRIAN C. TRINQUE	
<b>Address Line 1:</b>	28 STATE STREET	
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02109	
<b>ATTORNEY DOCKET NUMBER:</b>	556010	
<b>NAME OF SUBMITTER:</b>	BRIAN C. TRINQUE	
<b>SIGNATURE:</b>	/Brian C. Trinque/	

<b>DATE SIGNED:</b>	02/24/2015
<b>Total Attachments: 24</b> source=556010_assignment#page1.tif source=556010_assignment#page2.tif source=556010_assignment#page3.tif source=556010_assignment#page4.tif source=556010_assignment#page5.tif source=556010_assignment#page6.tif source=556010_assignment#page7.tif source=556010_assignment#page8.tif source=556010_assignment#page9.tif source=556010_assignment#page10.tif source=556010_assignment#page11.tif source=556010_assignment#page12.tif source=556010_assignment#page13.tif source=556010_assignment#page14.tif source=556010_assignment#page15.tif source=556010_assignment#page16.tif source=556010_assignment#page17.tif source=556010_assignment#page18.tif source=556010_assignment#page19.tif source=556010_assignment#page20.tif source=556010_assignment#page21.tif source=556010_assignment#page22.tif source=556010_assignment#page23.tif source=556010_assignment#page24.tif	

**ASSIGNMENT**

WHEREAS, I, **Yu Gui Gu** of Acton, Massachusetts, a citizen of the United States of America has invented certain new and useful

**BETA-LACTAMASE INHIBITORS**

**U.S. Serial Nos.: 61/618,119, filed March 30, 2012,**

**61/792,672 filed March 15, 2013 and 13/853,562, filed March 29, 2013**

for which I am about to make or have made application for Letters Patent of the United States; and

WHEREAS, **CUBIST PHARMACEUTICALS, INC.**, its principal place of business at 65 Hayden Avenue, Lexington, Massachusetts, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Yu Gui Gu** have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **CUBIST PHARMACEUTICALS, INC.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

I, **Yu Gui Gu** further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **CUBIST PHARMACEUTICALS, INC.** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **CUBIST PHARMACEUTICALS, 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 I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date March 30, 2012.

4/26/2013  
Date:

Yu-Gui Gu  
Yu-Gui Gu

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

WITNESS

Lexington, MA  
Signed At (City/State)

Jodi Doherty  
Name

Jodi Doherty  
Signature

04/24/13  
Date

**ASSIGNMENT**

WHEREAS, I, **Yong He** of Bedford, Massachusetts, a citizen of the People's Republic of China has invented certain new and useful

**BETA-LACTAMASE INHIBITORS**

U.S. Serial Nos.: 61/618,119, filed March 30, 2012,

61/792,672 filed March 15, 2013 and 13/853,562, filed March 29, 2013

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WHEREAS, **CUBIST PHARMACEUTICALS, INC.**, its principal place of business at 65 Hayden Avenue, Lexington, Massachusetts, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Yong He** have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **CUBIST PHARMACEUTICALS, INC.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and


(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

I, **Yong He** further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **CUBIST PHARMACEUTICALS, INC.** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **CUBIST PHARMACEUTICALS, 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 I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date March 30, 2012.

04/24/2013  
Date:

  
Yong He

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

WITNESS

Lexington, MA  
Signed At (City/State)

Jodi Doherty  
Name

Jodi Doherty  
Signature

04/24/13  
Date



**ASSIGNMENT**

WHEREAS, I, **Ning Yin** of Lexington, Massachusetts, a citizen of the People's Republic of China has invented certain new and useful

**BETA-LACTAMASE INHIBITORS**

**U.S. Serial Nos.: 61/618,119, filed March 30, 2012,**

**61/792,672 filed March 15, 2013 and 13/853,562, filed March 29, 2013**

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WHEREAS, **CUBIST PHARMACEUTICALS, INC.**, its principal place of business at 65 Hayden Avenue, Lexington, Massachusetts, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Ning Yin** have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **CUBIST PHARMACEUTICALS, INC.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

I, **Ning Yin** further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **CUBIST PHARMACEUTICALS, INC.** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **CUBIST PHARMACEUTICALS, 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 I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date March 30, 2012.

Date:

04/23/2013

Ning Yin

[Signature]

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

WITNESS

Signed At (City/State)

Lexington, MA

Name

Ted Doherty

Signature

[Signature]

Date

04/24/13

**ASSIGNMENT**

WHEREAS, I, **Dylan C. Alexander** of Watertown, Massachusetts, a citizen of Canada has invented certain new and useful

**BETA-LACTAMASE INHIBITORS**

**U.S. Serial Nos.: 61/618,119, filed March 30, 2012,**

**61/792,672 filed March 15, 2013 and 13/853,562, filed March 29, 2013**

for which I am about to make or have made application for Letters Patent of the United States; and

WHEREAS, **CUBIST PHARMACEUTICALS, INC.**, its principal place of business at 65 Hayden Avenue, Lexington, Massachusetts, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Dylan C. Alexander** have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **CUBIST PHARMACEUTICALS, INC.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

I, **Dylan C. Alexander** further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **CUBIST PHARMACEUTICALS, INC.** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **CUBIST PHARMACEUTICALS, 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 I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date March 30, 2012.

4/24/2013  
Date:

Dylan Alexander  
Dylan C. Alexander

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

WITNESS

Lexington, MA  
Signed At (City/State)

Jodi Doherty  
Name

Jodi Doherty  
Signature

04/24/13  
Date

**ASSIGNMENT**

WHEREAS, I, **Jason B. Cross** of Acton, Massachusetts, a citizen of the United States of America has invented certain new and useful

**BETA-LACTAMASE INHIBITORS**

**U.S. Serial Nos.: 61/618,119, filed March 30, 2012,**

**61/792,672 filed March 15, 2013 and 13/853,562, filed March 29, 2013**

for which I am about to make or have made application for Letters Patent of the United States; and

WHEREAS, **CUBIST PHARMACEUTICALS, INC.**, its principal place of business at 65 Hayden Avenue, Lexington, Massachusetts, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Jason B. Cross** have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **CUBIST PHARMACEUTICALS, INC.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

I, **Jason B. Cross** further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **CUBIST PHARMACEUTICALS, INC.** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **CUBIST PHARMACEUTICALS, 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 I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.



This assignment to have effect as of the Filing date March 30, 2012.

4/24/2013  
Date:

Jason B. Cross  
Jason B. Cross

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

WITNESS

Lexington, MA  
Signed At (City/State)

Jodi Doherty  
Name

Jodi Doherty  
Signature

04/24/13  
Date

**ASSIGNMENT**

WHEREAS, I, **Robert Busch** of Wakefield, Massachusetts, a citizen of the United States of America has invented certain new and useful

**BETA-LACTAMASE INHIBITORS**

U.S. Serial Nos.: 61/618,119, filed March 30, 2012,

61/792,672 filed March 15, 2013 and 13/853,562, filed March 29, 2013

for which I am about to make or have made application for Letters Patent of the United States; and

WHEREAS, **CUBIST PHARMACEUTICALS, INC.**, its principal place of business at 65 Hayden Avenue, Lexington, Massachusetts, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Robert Busch** have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **CUBIST PHARMACEUTICALS, INC.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;
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- (g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

I, **Robert Busch** further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **CUBIST PHARMACEUTICALS, INC.** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **CUBIST PHARMACEUTICALS, 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 I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date March 30, 2012.

4-24-13  
Date:

  
**Robert Busch**

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

WITNESS

Lexington, MA  
Signed At (City/State)

Jodi Doherty  
Name

Jodi Doherty  
Signature

04/24/13  
Date

**ASSIGNMENT**

WHEREAS, I, **Roland E. Dolle** of Hopkinton, Massachusetts, a citizen of the United States of America has invented certain new and useful

**BETA-LACTAMASE INHIBITORS**

U.S. Serial Nos.: 61/618,119, filed March 30, 2012,

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NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Roland E. Dolle** have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **CUBIST PHARMACEUTICALS, INC.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

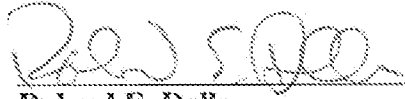
(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

I, **Roland E. Dolle** further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **CUBIST PHARMACEUTICALS, INC.** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **CUBIST PHARMACEUTICALS, 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 I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date March 30, 2012.

4-24-2013  
Date:

  
Roland E. Dolle

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

WITNESS

Lexington, MA  
Signed At (City/State)

Jodi Doherty  
Name

Jodi Doherty  
Signature

04/24/13  
Date

**ASSIGNMENT**

WHEREAS, I, **Chester A. Metcalf, III** of Needham, Massachusetts, a citizen of the United States of America has invented certain new and useful

**BETA-LACTAMASE INHIBITORS**

**U.S. Serial Nos.: 61/618,119, filed March 30, 2012,**

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for which I am about to make or have made application for Letters Patent of the United States; and

WHEREAS, **CUBIST PHARMACEUTICALS, INC.**, its principal place of business at 65 Hayden Avenue, Lexington, Massachusetts, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Chester A. Metcalf, III** have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **CUBIST PHARMACEUTICALS, INC.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
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- (g) any and all refilings, divisions and continuations of said foreign-filed applications;



(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

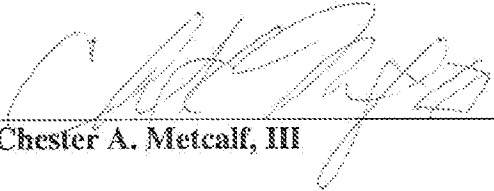
(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

I, **Chester A. Metcalf, III** further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **CUBIST PHARMACEUTICALS, INC.** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **CUBIST PHARMACEUTICALS, 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 I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date March 30, 2012.

4-26-13  
Date:

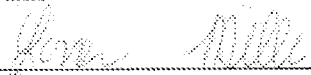
  
Chester A. Metcalf, III

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

WITNESS

Needham MA  
Signed At (City/State)

Lora Miller  
Name

  
Signature

4/26/13  
Date