

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ernest CARRA</td> <td>02/27/2013</td> </tr> <tr> <td>Michael GERBER</td> <td>02/27/2013</td> </tr> <tr> <td>Bing SHI</td> <td>02/27/2013</td> </tr> <tr> <td>Keiko SUJINO</td> <td>02/28/2013</td> </tr> <tr> <td>Duong TRAN</td> <td>02/28/2013</td> </tr> <tr> <td>Fang WANG</td> <td>02/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ernest CARRA	02/27/2013	Michael GERBER	02/27/2013	Bing SHI	02/27/2013	Keiko SUJINO	02/28/2013	Duong TRAN	02/28/2013	Fang WANG	02/27/2013
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Ernest CARRA	02/27/2013														
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Bing SHI	02/27/2013														
Keiko SUJINO	02/28/2013														
Duong TRAN	02/28/2013														
Fang WANG	02/27/2013														
RECEIVING PARTY DATA															
Name:	Gilead Calistoga LLC														
Street Address:	c/o Gilead Sciences, Inc.														
Internal Address:	333 Lakeside Drive														
City:	Foster City														
State/Country:	CALIFORNIA														
Postal Code:	94404														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13786222</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13786222										
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Application Number:	13786222														
CORRESPONDENCE DATA															
Fax Number:	6504940792														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	(415) 268-6445														
Email:	cdiez@mofo.com														
Correspondent Name:	Anita Choi														
Address Line 1:	Morrison & Foerster LLP														
Address Line 2:	425 Market Street														
Address Line 4:	San Francisco, CALIFORNIA 94105-2482														
ATTORNEY DOCKET NUMBER:	616082002900														

CH \$40.00 13786222

NAME OF SUBMITTER:

Anita Choi

Total Attachments: 6

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ASSIGNMENT

This assignment is by:

1. Ernest CARRA
c/o Gilead Sciences, Inc.
333 Lakeside Drive
Foster City, California 94404
2. Michael GERBER
c/o Gilead Sciences, Inc.
333 Lakeside Drive
Foster City, California 94404
3. Bing SHI
c/o Gilead Sciences, Inc.
333 Lakeside Drive
Foster City, California 94404
4. Keiko SUJINO
c/o Gilead Sciences, Inc.
333 Lakeside Drive
Foster City, California 94404
5. Duong TRAN
c/o Gilead Sciences, Inc.
333 Lakeside Drive
Foster City, California 94404
6. Fang WANG
c/o Gilead Sciences, Inc.
333 Lakeside Drive
Foster City, California 94404

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: GILEAD CALISTOGA LLC
Address: c/o Gilead Sciences, Inc.
333 Lakeside Drive, Foster City, California 94404
A corporation duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

POLYMORPHIC FORMS OF (S)-2-(1-(9H-PURIN-6-YLAMINO)PROPYL)-5-FLUORO-3-PHENYLQUINAZOLIN-4(3H)-ONE

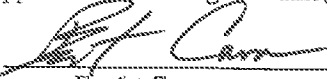

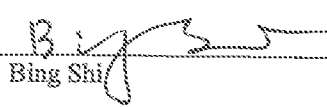
for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 13/786,222 Filing Date: 03/05/13

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.
2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.
3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

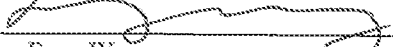
Date: <u>27 Feb 2013</u>	Signature: <u></u> Ernest Carra
Date: <u>27 Feb 13</u>	Signature: <u></u> Michael Gerber
Date: <u>27 Feb 2013</u>	Signature: <u></u> Bing Shi
Date: _____	Signature: _____ Keiko Sujino

Date: _____

Signature: _____

Duong Tran

Date: Feb. 27, 2013

Signature:  _____

Fang Wang

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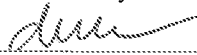
Date: _____ Signature: _____ Ernest Carrs

Date: _____ Signature: _____ Michael Gerber

Date: _____ Signature: _____ Bing Shi

Date: Feb 28, 2013 Signature: [Handwritten Signature] Keiko Sujino

Date: Feb. 28 / 2013

Signature: 
Duong Tran

Date: _____

Signature: _____
Fang Wang

pa-1575511
