

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Hui Li</td> <td>10/26/2011</td> </tr> <tr> <td>Thilo J. Heckrodt</td> <td>10/26/2011</td> </tr> <tr> <td>Yan Chen</td> <td>10/26/2011</td> </tr> <tr> <td>Darren John McMurtrie</td> <td>10/26/2011</td> </tr> <tr> <td>Vanessa Taylor</td> <td>10/24/2011</td> </tr> <tr> <td>Rajinder Singh</td> <td>10/25/2011</td> </tr> <tr> <td>Pingyu Ding</td> <td>10/26/2011</td> </tr> <tr> <td>Rose Yen</td> <td>11/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Hui Li	10/26/2011	Thilo J. Heckrodt	10/26/2011	Yan Chen	10/26/2011	Darren John McMurtrie	10/26/2011	Vanessa Taylor	10/24/2011	Rajinder Singh	10/25/2011	Pingyu Ding	10/26/2011	Rose Yen	11/01/2011
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<table border="1"> <tr> <td>Name:</td> <td>Rigel Pharmaceuticals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1180 Veterans Boulevard</td> </tr> <tr> <td>City:</td> <td>South San Francisco</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94080</td> </tr> </table>		Name:	Rigel Pharmaceuticals, Inc.	Street Address:	1180 Veterans Boulevard	City:	South San Francisco	State/Country:	CALIFORNIA	Postal Code:	94080								
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CORRESPONDENCE DATA																			
Fax Number:	5035955301																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	503-595-5300																		
Email:	julie.morgan@klarquist.com																		
Correspondent Name:	Klarquist Sparkman, LLP																		
Address Line 1:	121 S.W. Salmon Street, Suite 1600																		
Address Line 4:	Portland, OREGON 97204																		
ATTORNEY DOCKET NUMBER:	7946-87499-07 SCS:JAM																		

CH \$40.00 13685433

NAME OF SUBMITTER:

Stacey C. Slater

Total Attachments: 10

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## ASSIGNMENT

WHEREAS, we, Hui Li, of Santa Clara, California, Thilo J. Heckrodt, of San Francisco, California, Yan Chen, of Foster City, California, Darren John McMurtrie, of Foster City, California, Vanessa Taylor, of San Francisco, California, Rajinder Singh, of Belmont, California, Pingyu Ding, of Foster City, California and Rose Yen, of San Francisco, California, have invented a certain invention as described in the following patent applications:

U.S. Provisional Patent Application No. 61/368,570, filed on July 28, 2010, entitled  
"COMPOSITIONS AND METHODS FOR INHIBITION OF THE JAK  
PATHWAY,"

U.S. Patent Application No. 13/192,344, filed on July 27, 2011, entitled  
"COMPOSITIONS AND METHODS FOR INHIBITION OF THE JAK  
PATHWAY,"

which applications are collectively referred to as "the patent applications."

WHEREAS, Rigel Pharmaceuticals, Inc., a corporation organized under the laws of the State of California, having a place of business at 1180 Veterans Boulevard, South San Francisco, California 94080, desires to acquire an interest therein:


NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Hui Li, Thilo J. Heckrodt, Yan Chen, Darren John McMurtrie, Vanessa Taylor, Rajinder Singh, Pingyu Ding and Rose Yen hereby sell, assign and transfer to Rigel Pharmaceuticals, Inc., the full and exclusive right, title and interest in and to said invention, the patent applications and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, the patent applications and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Rigel Pharmaceuticals, Inc., for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted the United States or any foreign country,

as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Rigel Pharmaceuticals, Inc., or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Rigel Pharmaceuticals, Inc., its successors and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that at the time the invention was made, we were under an obligation to assign the invention and the patent applications to Rigel Pharmaceuticals, Inc.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

  
\_\_\_\_\_  
Hui Li


At South San Francisco, CA  
(City and State)

on this 26<sup>th</sup> day of Oct, 2011.

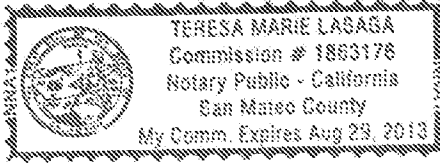
STATE OF CALIFORNIA            )  
  )    ss.  
COUNTY OF San Mateo         )

This 26 day of October, 2011, before me personally came the above-named Hui Li, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Hui Li's own free will for the purpose set forth therein.





[SEAL]



Notary Public For California

My commission expires: *Aug. 29, 2013*

Thilo J. Heckrodt  
Thilo J. Heckrodt

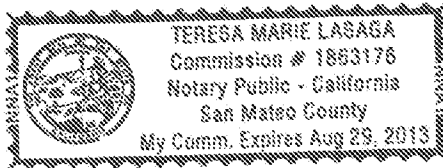
At South San Francisco, CA  
(City and State)  
on this 26 day of October, 2011.

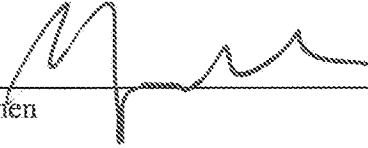
STATE OF CALIFORNIA )  
COUNTY OF San Mateo ) ss.

This 26 day of October, 2011, before me personally came the above-named Thilo J. Heckrodt, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Thilo J. Heckrodt's own free will for the purpose set forth therein.

[Signature]  
Notary Public For California  
My commission expires: Aug. 29, 2013

[SEAL]

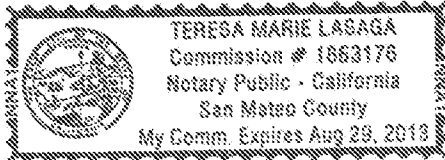


  
\_\_\_\_\_  
Yan Chen

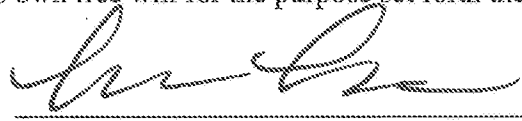
At South San Francisco, CA  
(City and State)  
on this 26 day of October, 2011.

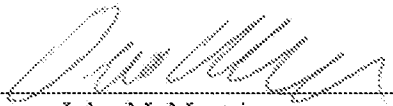
STATE OF CALIFORNIA     )  
  )     ss.  
COUNTY OF San Mateo     )

This 26 day of October, 2011, before me personally came the above-named Yan Chen, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Yan Chen's own free will for the purpose set forth therein.



[SEAL]

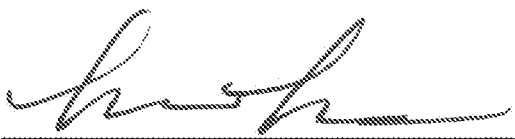
  
\_\_\_\_\_  
Notary Public For California  
My commission expires: Aug. 29, 2013

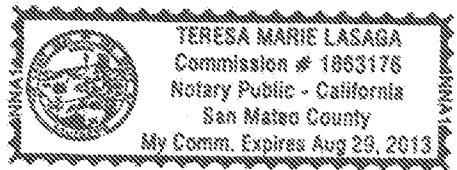
  
\_\_\_\_\_  
Darren John McMurtie

At South San Francisco, CA  
(City and State)  
on this 26 day of October, 2011.

STATE OF CALIFORNIA        )  
  )  
COUNTY OF San Mateo        )        ss.

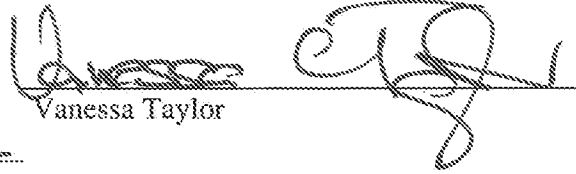
This 26 day of October, 2011, before me personally came the above-named Darren John McMurtie, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Darren John McMurtie's own free will for the purpose set forth therein.

  
\_\_\_\_\_  
Notary Public For California  
My commission expires: August 29, 2013



[SEAL]

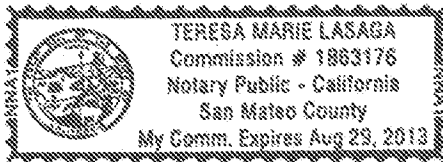


  
Vanessa Taylor


At South San Francisco, California  
          CA (City and State)  
on this 24 day of October, 2011.

STATE OF CALIFORNIA        )  
  )        ss.  
COUNTY OF San Mateo     )

This 24 day of October, 2011, before me personally came the above-named Vanessa Taylor, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Vanessa Taylor's own free will for the purpose set forth therein.



[SEAL]

  
Notary Public For California  
My commission expires:  
August 29, 2013

South San Francisco, CA



Rajinder Singh

At Oct 25th  
(City and State)

on this 25 day of October, 2011.

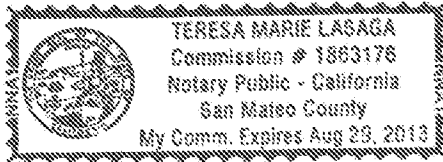
STATE OF CALIFORNIA )  
COUNTY OF San Mateo ) ss.

This 25 day of October, 2011, before me personally came the above-named Rajinder Singh, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Rajinder Singh's own free will for the purpose set forth therein.

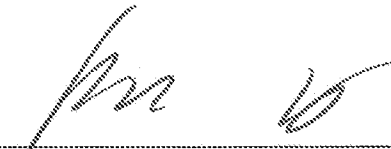


Notary Public For California

My commission expires: August 29, 2013



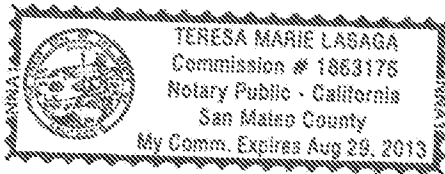
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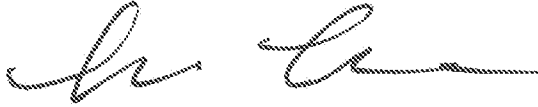
  
\_\_\_\_\_  
Pingyu Ding

At South San Francisco, CA  
(City and State)  
on this 26 day of October, 2011.

STATE OF CALIFORNIA        )  
  )  
COUNTY OF San Mateo    )    ss.

This 26 day of October, 2011, before me personally came the above-named Pingyu Ding, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Pingyu Ding's own free will for the purpose set forth therein.



  
\_\_\_\_\_  
Notary Public For California  
My commission expires: Aug 29, 2013

[SEAL]

Rose Yen  
Rose Yen

At South San Francisco, CA  
(City and State)

on this 1 day of November, 2011.

STATE OF CALIFORNIA )

COUNTY OF San Mateo )

ss.

This 1 day of November, 2011, before me personally came the above-named Rose Yen, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Rose Yen's own free will for the purpose set forth therein.

[Signature]  
Notary Public For California  
My commission expires: August 29, 2013

[SEAL]

