

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Rajinder Singh</td> <td>03/30/2009</td> </tr> <tr> <td>Jiaxin Yu</td> <td>03/30/2009</td> </tr> <tr> <td>Hui Hong</td> <td>03/30/2009</td> </tr> <tr> <td>Sambaiah Thota</td> <td>04/01/2009</td> </tr> <tr> <td>Xiang Xu</td> <td>03/30/2009</td> </tr> <tr> <td>Ihab S. Darwish</td> <td>03/30/2009</td> </tr> </tbody> </table>		Name	Execution Date	Rajinder Singh	03/30/2009	Jiaxin Yu	03/30/2009	Hui Hong	03/30/2009	Sambaiah Thota	04/01/2009	Xiang Xu	03/30/2009	Ihab S. Darwish	03/30/2009
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Xiang Xu	03/30/2009														
Ihab S. Darwish	03/30/2009														
RECEIVING PARTY DATA															
Name:	Rigel Pharmaceuticals, Inc.														
Street Address:	1180 Veterans Boulevard														
City:	South San Francisco														
State/Country:	CALIFORNIA														
Postal Code:	94080														
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>11963742</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11963742										
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Application Number:	11963742														
CORRESPONDENCE DATA															
Fax Number:	(312)913-0002														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	312-913-0001														
Email:	docketing@mbhb.com														
Correspondent Name:	James V. Suggs														
Address Line 1:	300 South Wacker Drive														
Address Line 2:	Suite 3100														
Address Line 4:	Chicago, ILLINOIS 60606														
ATTORNEY DOCKET NUMBER:	06-925-B														

CH \$40.00 11963742

NAME OF SUBMITTER:

James V. Suggs

Total Attachments: 7

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ASSIGNMENT

Case No.: 06-925-B
Inventors: Singh et al.

Serial No.: 11/963,742
Filing Date: December 21, 2007

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**Rigel Pharmaceuticals, Inc.
1180 Veterans Boulevard
South San Francisco, California 94080
United States of America**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

N-Substituted-Heterocycloalkoxybenzamide Compounds and Methods of Use

and identified as:

Case No. 06-925-B

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 30 day of MARCH, 2009.

Rajinder Singh
Rajinder Singh

State of California)
County of San Mateo) ss.

On March 30, 2009 before me, Jasleen Kaur Kals Notary Public, personally appeared Rajinder Singh, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Jasleen Kals
(Signature of Notary)



(Seal of Notary)

WITNESS my hand and seal this 30th day of March, 2009.

[Signature]
Jiaxin Yu

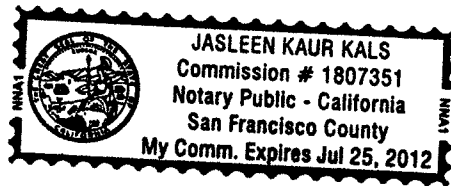
State of California)
County of San Mateo) ss.

On March 30, 2009 before me, Jasleen Kaur Kals Notary Public, personally appeared Jiaxin Yu, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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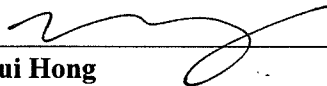
WITNESS my hand and official seal.

[Signature]
(Signature of Notary)



(Seal of Notary)

WITNESS my hand and seal this 30 day of March, 2009.



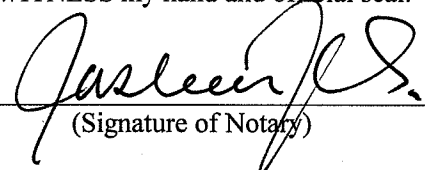
Hui Hong

State of California)
County of San Mateo) ss.

On March 30, 2009 before me, Jasleen Kaur Kals Notary Public, personally appeared Hui Hong, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



(Signature of Notary)



(Seal of Notary)

WITNESS my hand and seal this 1 day of April, 2009.

Sambaiah Thota
Sambaiah Thota

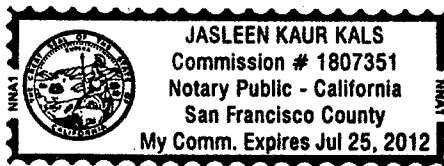
State of California)
County of San Mateo) ss.

On April 1, 2009 before me, Jasleen Kaur Kals Notary Public, personally appeared Sambaiah Thota, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and official seal.

Jasleen Kals
(Signature of Notary)



(Seal of Notary)

WITNESS my hand and seal this 30 day of March, 2009.

[Signature]
Xiang Xu

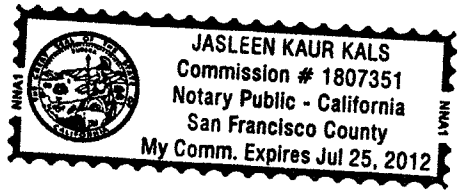
State of California)
County of San Mateo) ss.

On March 30, 2009 before me Jasleen Kaur Kals Notary Public, personally appeared Xiang Xu, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]
(Signature of Notary)



(Seal of Notary)

WITNESS my hand and seal this 30 day of March, 2009.

Ihab S. Darwish
Ihab S. Darwish

State of California)
County of San Mateo) ss.

On March 30, 2009 before me, Jasleen Kaur Kals, Notary Public, personally appeared Ihab S. Darwish, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and official seal.

Jasleen Kals
(Signature of Notary)



(Seal of Notary)