

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
<b>CONVEYING PARTY DATA</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 70%; padding: 5px;">Name</th> <th style="width: 30%; padding: 5px;">Execution Date</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">Hui LI</td><td style="padding: 5px;">09/30/2005</td></tr> <tr><td style="padding: 5px;">Ankush ARGADE</td><td style="padding: 5px;">09/30/2005</td></tr> <tr><td style="padding: 5px;">Rajinder SINGH</td><td style="padding: 5px;">09/30/2005</td></tr> <tr><td style="padding: 5px;">Sambaiah THOTA</td><td style="padding: 5px;">09/30/2005</td></tr> <tr><td style="padding: 5px;">David CARROLL</td><td style="padding: 5px;">10/06/2005</td></tr> <tr><td style="padding: 5px;">Kin TSO</td><td style="padding: 5px;">09/30/2005</td></tr> <tr><td style="padding: 5px;">Vanessa TAYLOR</td><td style="padding: 5px;">09/30/2005</td></tr> <tr><td style="padding: 5px;">John MCLAUGHLIN</td><td style="padding: 5px;">09/30/2005</td></tr> <tr><td style="padding: 5px;">Vadim MARKOVTSOV</td><td style="padding: 5px;">09/30/2005</td></tr> </tbody> </table>		Name	Execution Date	Hui LI	09/30/2005	Ankush ARGADE	09/30/2005	Rajinder SINGH	09/30/2005	Sambaiah THOTA	09/30/2005	David CARROLL	10/06/2005	Kin TSO	09/30/2005	Vanessa TAYLOR	09/30/2005	John MCLAUGHLIN	09/30/2005	Vadim MARKOVTSOV	09/30/2005
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<b>RECEIVING PARTY DATA</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr><td style="width: 20%; padding: 5px;">Name:</td><td style="padding: 5px;">Rigel Pharmaceuticals, Inc.</td></tr> <tr><td style="padding: 5px;">Street Address:</td><td style="padding: 5px;">1180 Veterans Blvd.</td></tr> <tr><td style="padding: 5px;">City:</td><td style="padding: 5px;">South San Francisco</td></tr> <tr><td style="padding: 5px;">State/Country:</td><td style="padding: 5px;">CALIFORNIA</td></tr> <tr><td style="padding: 5px;">Postal Code:</td><td style="padding: 5px;">94080</td></tr> </table>		Name:	Rigel Pharmaceuticals, Inc.	Street Address:	1180 Veterans Blvd.	City:	South San Francisco	State/Country:	CALIFORNIA	Postal Code:	94080										
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<b>PROPERTY NUMBERS Total: 1</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%; padding: 5px;">Property Type</th> <th style="padding: 5px;">Number</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Application Number:</td> <td style="padding: 5px;">11133419</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11133419																
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<b>CORRESPONDENCE DATA</b> <p style="margin-top: 10px;">Fax Number: (650)813-4848  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6508134800          Email: lori.cox@dechert.com          Correspondent Name: Ann M. Caviani Pease          Address Line 1: P.O. Box 10004          Address Line 4: Palo Alto, CALIFORNIA 94303</p>																					

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**500056097**

**PATENT**  
**REEL: 016661 FRAME: 0110**

ATTORNEY DOCKET NUMBER:

375462-0027US (354762)

NAME OF SUBMITTER:

Ann M. Caviani Pease

Total Attachments: 7

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## ASSIGNMENT

WHEREAS, the undersigned, **Hui LI**, resident of **1550 Frontera Way, Apt. 117, Millbrae, CA 94030**; **Ankush ARGADE**, resident of **639-1 Catamaran Street, Foster City, CA 94404**; **Rajinder SINGH**, resident of **1832 Hillman Avenue, Belmont, CA 94002**; **Sambaiah THOTA**, resident of **4501 Guiso Common, Fremont CA 94536**; **David CARROLL**, resident of **87 Dolores Street, Apt. 105, San Francisco, CA 94103**; **Kin TSO**, resident of **142 Mateo Avenue, San Francisco, CA 94131**; **Vanessa TAYLOR**, resident of **2130 Harrison Street, #24, San Francisco, CA 94110**; **John MCLAUGHLIN**, resident of **864 Ashbury Street, Apt. 6, San Francisco, CA 94117**; and **Vadim MARKOV<sup>M.V.</sup>TSOV**, **MARKOV'TSOV**, resident of **226 Bonita Lane, Foster City, CA 94404**, (each hereinafter termed "Inventor") have invented certain new and useful improvements in **"CYCLOALKYL SUBSTITUTED PYRIMIDINEDIAMINE COMPOUNDS AND THEIR USES"** and have executed an application for U. S. Application having Serial No. **11/133,419**, filing date of **May 18, 2005**; and

WHEREAS, **Rigel Pharmaceuticals, Inc.** (hereinafter termed "Assignee"), a corporation of the State of **Delaware**, having a place of business at **1180 Veterans Blvd., South San Francisco, CA 94080**, is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and

foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his/her respective heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee.

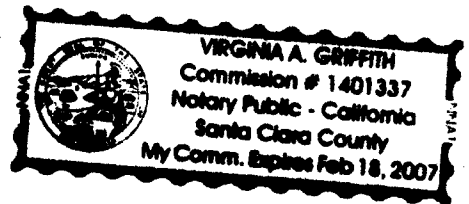
By Hui Li

County of San Mateo, )  
State of California ) SS.

On this 30th day of September, in the year 2005, before me, VIRGINIA GRIFFITH, Notary Public, personally appeared Hui Li, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Seal



Signature Virginia Griffith  
(Notary Public)

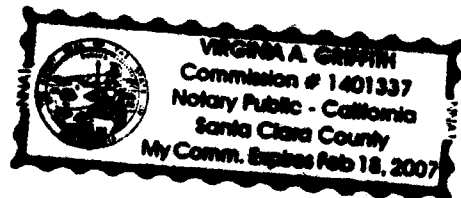
By Ankush Argade

County of San Mateo, )  
State of California ) SS.

On this 30th day of September, in the year 2005, before me, VIRGINIA GRIFFITH, Notary Public, personally appeared Ankush Argade, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Seal



Signature Virginia Griffith  
(Notary Public)

By Rajinder Singh  
Rajinder Singh

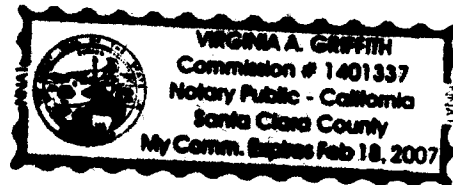
County of San Mateo, )  
State of California, ) SS.

On this 30th day of September, in the year 2005, before me, VIRGINIA GRIFFITH, Notary Public, personally appeared **Rajinder Singh**, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Seal

Signature Virginia Griffith  
(Notary Public)



By Sambaiah Thota  
Sambaiah Thota

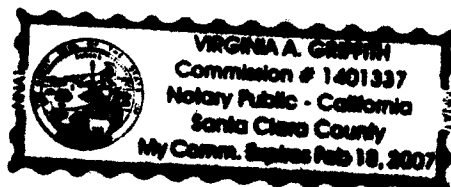
County of San Mateo, )  
State of California, ) SS.

On this 30th day of September, in the year 2005, before me, VIRGINIA GRIFFITH, Notary Public, personally appeared **Sambaiah Thota**, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Seal

Signature Virginia Griffith  
(Notary Public)



By *David Carroll*  
David Carroll

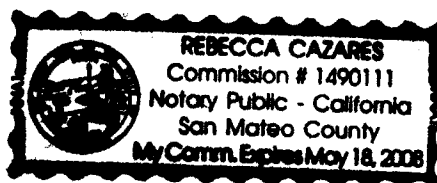
County of *San Mateo* )  
State of *California* ) SS.

On this *6th* day of *October*, in the year *2005*, before me, *Rebecca Cazares*  
Notary Public, personally appeared **David Carroll**, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Seal

Signature *Rebecca Cazares*  
(Notary Public)



By *Kin Tso*  
Kin Tso

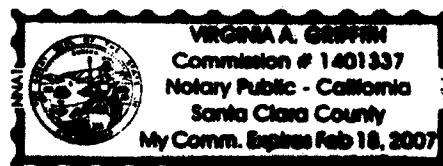
County of *San Mateo* )  
State of *California* ) SS.

On this *30th* day of *September*, in the year *2005*, before me, *VIRGINIA GRIFFITH*  
Notary Public, personally appeared **Kin Tso**, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Seal

Signature *Virginia Griffith*  
(Notary Public)



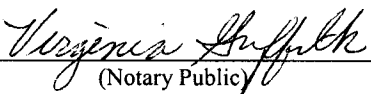
By   
Vanessa Taylor

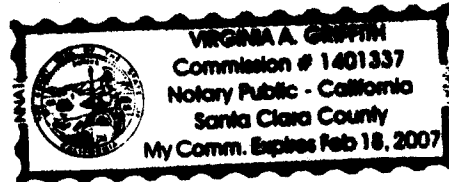
County of San Mateo )  
State of California ) SS.

On this 30TH day of September, in the year 2005, before me, VIRGINIA GRIFFITH  
Notary Public, personally appeared **Vanessa Taylor**, personally known to me (or proved to me on the basis  
of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me  
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument,  
the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Seal

Signature   
(Notary Public)



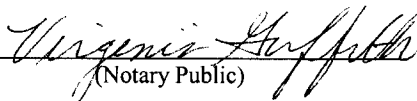
By   
John McLaughlin

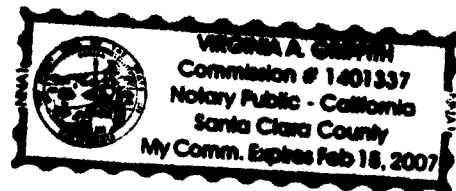
County of San Mateo )  
State of California ) SS.

On this 30TH day of September, in the year 2005, before me, VIRGINIA GRIFFITH  
Notary Public, personally appeared **John McLaughlin**, personally known to me (or proved to me on the  
basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to  
me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the  
instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Seal

Signature   
(Notary Public)





By *Blcer*  
*Vadim* ~~Mark Markovitsov~~ *MARKOVITSOV*  
*Mr. V.*

County of *San Mateo*, )  
State of *California* ) SS.

On this *30th* day of *September*, in the year 2005, before me, *VIRGINIA GRIFFITH*  
Notary Public, personally appeared ~~Mark Markovitsov~~ *Vadim MARKOVITSOV*, personally known to me (or proved to me on the  
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WITNESS my hand and official seal.

Seal

Signature *Virginia Griffith*  
(Notary Public)

