

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Somasekhar Bhamidipati	05/21/2009
Jeffrey Clough	05/18/2009
Ankush Argade	03/30/2009
Rajinder Singh	05/20/2009
Vadim Markovtosov	05/20/2009
Pingyu Ding	05/20/2009
Jiaxin Yu	05/20/2009
Andy Atuegbu	04/03/2009
Hui Hong	05/20/2009
Ihab Darwish	05/20/2009
Sambaiah Thota	01/04/2009

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

Property Type	Number
Application Number:	12371550

CORRESPONDENCE DATA

Fax Number: (206)682-6031
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 206-622-4900
 Email: AmberM@SeedIP.com
 Correspondent Name: Carol J.Roth

CH \$40.00 12371550

Address Line 1: 701 Fifth Avenue
Address Line 2: Suite 5400
Address Line 4: Seattle, WASHINGTON 98104

ATTORNEY DOCKET NUMBER: 800050.418

NAME OF SUBMITTER: Carol J. Roth

Total Attachments: 12
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ASSIGNMENT

WHEREAS, we,

Name	Residence Address	
Somasekhar Bhamidipati	888 Foster City Boulevard, #Q2, Foster City, California 94404	;
Jeffrey Clough	3520 Bay Road, Redwood City, California 94063	;
Ankush Argade	281 Winchester Court, Foster City, California 94404	;
Rajinder Singh	1832 Hillman Avenue, Belmont, California 94022	;
Vadim Markovtosov	226 Bonita Lane, Foster City, California 94404	;
Pingyu Ding	736 Bounty Drive, Apartment 3620, Foster City, California 94404	;
Jiixin Yu	628 Chestnut Street, San Carlos, California 94070	;
Andy Atuegbu	5751 Penwood Lane, Dublin, California 94568	;
Hui Hong	240 Ventura Avenue, Palo Alto, California 94306	;
Ihab Darwish	4 Azalea Lane, San Carlos, California 94070	; and
Sambiah Thota	4501 Guiso Common, Fremont, California 94536	

(hereinafter referred to as ASSIGNORS), having residence addresses as listed above next to our names, are the listed inventors/applicants of the patent application entitled "**PYRIMIDINE-2-AMINE COMPOUNDS AND THEIR USE AS INHIBITORS OF JAK KINASES,**" as filed with the U.S. Patent and Trademark Office on **February 13, 2009**, and assigned Application No. **12/371,550**, for which an application was filed on February 13, 2009 with the U.S. Receiving Office of the PCT and assigned Application No. PCT/US2009/034159, wherein both afore-mentioned applications claim the benefit of U.S. Provisional Patent Application No. 61/029,265 filed February 15, 2008; U.S. Provisional Patent Application No. 61/038,672 filed March 21, 2008; and U.S. Provisional Patent Application No. 61/112,046 filed November 6, 2008.

WHEREAS, **Rigel Pharmaceuticals, Inc.** (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 1180 Veterans Boulevard, South San Francisco, California 94080, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

This Assignment is effective as of February 13, 2009.

Date 05/21/09

Somasekhar Bhamidipati
Somasekhar Bhamidipati

State of California

County of San Mateo

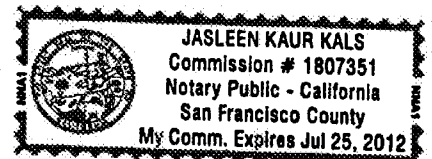
On May 21, 2009, before me, Jasleen Kaur Kals, Notary Public
(Here insert name and title of the officer)
personally appeared Somasekhar Bhamidipati

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 Kaur Kals
Signature of Notary Public

(Notary Seal)



Date 5/16/09

Jeffrey Clough
Jeffrey Clough

State of California

County of San Mateo

On May 16, 2009, before me, Jasleen Kaur Kals, Notary Public,
(Here insert name and title of the officer)
personally appeared Jeffrey Clough

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 Public



(Notary Seal)

3/30/09
Date

Ankush Argade
Ankush Argade

State of California

County of San Mateo

On March 30, 2009, before me, Jasleen Kaur Kals, Notary Public,
(Here insert name and title of the officer)
personally appeared Ankush Argade

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 Public



(Notary Seal)

Date 5/26/09

Rajinder Singh 

State of California

County of San Mateo

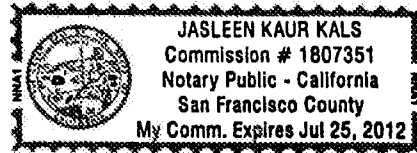
On May 20, 2009, before me, Jasleen Kaur Kals, Notary Public
(Here insert name and title of the officer)
personally appeared Rajinder Singh

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 Public



(Notary Seal)

Date 5/20/09

Vadim Markovtsov
Vadim Markovtsov

State of California

County of San Mateo

On May 20, 2009, before me, Jasleen Kaur Kals, Notary Public
(Here insert name and title of the officer)
personally appeared Vadim Markovtsov

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 Public



(Notary Seal)

05/20/2009
Date

[Signature]
Pingyu Ding

State of California

County of San Mateo

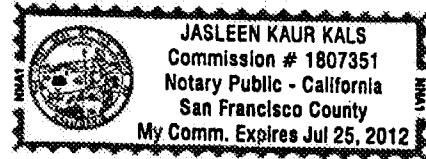
On May 20, 2009, before me, Jasleen Kaur Kals, Notary Public,
(Here insert name and title of the officer)
personally appeared Pingyu Ding

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 Public



(Notary Seal)

Date 5/20/2009

Jiixin Yu

State of California

County of San Mateo

On May 20, 2009, before me, Jasleen Kaur Kals, Notary Public
(Here insert name and title of the officer)
personally appeared Jiixin 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.

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 Public



(Notary Seal)

4/3/09
Date _____
Andy Atuegbu
Andy Atuegbu

State of California

County of ALAMEDA

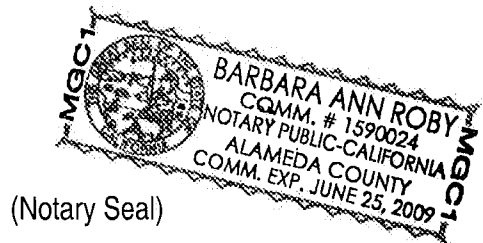
On April 3 2009, before me, Barbara Ann Roby Notary Public,
(Here insert name and title of the officer)
personally appeared - ANDY ATUEGBU -

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 Public



(Notary Seal)

Date 5/20/2009

Hui Hong

State of California

County of San Mateo

On May 20, 2009, before me, Jasleen Kaur Kals, Notary Public,
personally appeared Hui Hong
(Here insert name and title of the officer)

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 Public



(Notary Seal)

Date 05/20/2009

Ihab Darwish
Ihab Darwish

State of California

County of San Mateo

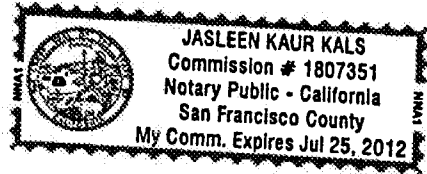
On May 20, 2009, before me, Jasleen Kaur Kals, Notary Public,
(Here insert name and title of the officer)
personally appeared Ihab Darwish

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.

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 Public



(Notary Seal)

01/04/2009
Date

Sambaiah Thota
Sambaiah

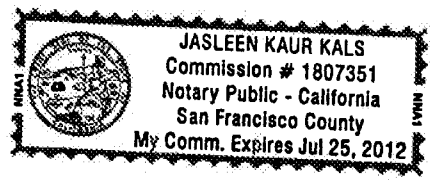
State of California
County of San Mateo

On January 4, 2009, before me, Jasleen Kaur Kals, Notary Public,
(Here insert name and title of the officer)
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.

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 Public



(Notary Seal)

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