

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rajinder Singh	03/04/2003
Ankush Argade	03/04/2003
Donald Payan	03/04/2003
Susan Molineaux	03/28/2003
Sacha J. Holland	03/04/2003
Jeffrey Clough	03/04/2003
Holger Keim	03/04/2003
Somasekhar Bhamidipati	03/04/2003
Catherine Sylvain	03/04/2003
Hui Li	03/04/2003
Alexander B. Rossi	03/13/2003

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:	11782581

CORRESPONDENCE DATA

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OP \$40.00 11782581

Address Line 1: Foley & Lardner LLP
Address Line 2: 975 Page Mill Road
Address Line 4: Palo Alto, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:

064311-1568

NAME OF SUBMITTER:

Lorna L. Tanner

Total Attachments: 8
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ASSIGNMENT

WHEREAS, the undersigned, **Rajinder Singh**, a resident of **Belmont, California**, **Ankush Argade**, a resident of **Foster City, California**, **Donald Payan**, a resident of **Hillsborough, California**, **Susan Molineaux**, a resident of **San Mateo, California**, **Sacha J. Holland**, a resident of **San Francisco, California**, **Jeffrey Clough**, a resident of **Redwood City, California**, **Holger Keim**, a resident of **Menlo Park, California**, **Somasekhar Bhamidipati**, a resident of **Foster City, California**, **Catherine Sylvain**, a resident of **Burlingame, California**, **Hui Li**, a resident of **Millbrae, California** and **Alexander B. Rossi**, a resident of **San Francisco, California** (collectively hereinafter termed "Inventors"), have jointly invented certain new and useful improvements in **2,4-PYRIMIDINEDIAMINE COMPOUNDS AND THEIR USES**, for which invention we have executed a United States provisional patent application, having Serial No. 10/355,543, and filing date of January 31, 2003, and which invention is fully described in the specification pertaining to said application.

WHEREAS, **RIGEL PHARMACEUTICALS, INC.** (hereinafter termed "Assignee"), a body 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 said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (collectively hereinafter termed "said invention"), and in and to any and all patents, inventions, 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 Inventors do 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 utility, division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents; and (e) all claims for damages by reason of past infringement of said patents, with the right to sue for and collect the same for its own use and enjoyment, and for use and enjoyment of its successors, assigns or other legal representatives.

2. Said Inventors hereby covenant and agree 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 Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other

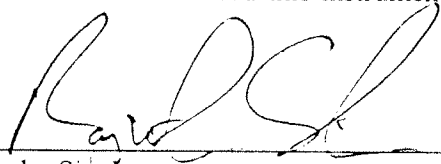
papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting utility, substitute, divisional, continuing or 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, covenants and conditions 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 respective heirs, legal representatives and assigns.

4. Said Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument on the date below written.

Dated: 3/4, 2003



Rajinder Singh

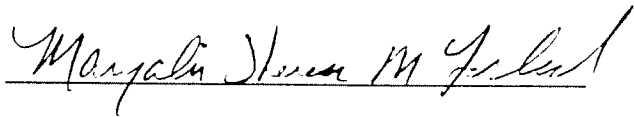
State of California]

County of San Mateo] SS.

On 4 March, 2003, before me, Maryalice Theresa McFarland 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.

Notary Public



Maryalice Theresa McFarland



COPY

[Signature]
Ankush Argade

Dated: 03/04/03, 2003

State of California]

County of San Mateo] SS.

On 3 March, 2003, before me, Maryalice T. McFarland, 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.



Notary Public

Maryalice Theresa McFarland
Donald G. Payan
Donald Payan

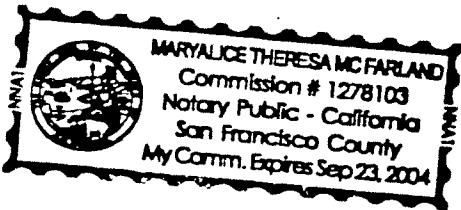
Dated: 3/4/03, 2003

State of California]

County of San Mateo] SS.

On 3 March, 2003, before me, Maryalice Theresa McFarland, Notary Public, personally appeared Donald Payan, 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.



Notary Public

Maryalice Theresa McFarland

COPY

Dated: 3/23, 2003

Susan Molineaux
Susan Molineaux

State of California]

County of _____] SS.

On _____, 2003, before me, _____, Notary Public, personally appeared Susan Molineaux, 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.

Notary Public

Dated: 3/4, 2003

Sacha J. Holland
Sacha J. Holland

State of California]

County of San Mateo] SS.

On March 4, 2003, before me, Maryalice Theresa McFarland, Notary Public, personally appeared Sacha J. Holland, 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.

Notary Public

Mary McFarland



COPY

Dated: 3/4/3, 2003

Jeffrey Clough
Jeffrey Clough

State of California]

County of San Mateo] SS.

On 4th March, 2003, before me, Maryalice Theresa McFarland, Notary Public, personally appeared Jeffrey Clough, 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.



Notary Public

Maryalice Theresa McFarland

Dated: 03/09/03, 2003

Holger Keim
Holger Keim

State of California]

County of San Mateo] SS.

On 4 March, 2003, before me, Maryalice Theresa McFarland, Notary Public, personally appeared Holger Keim, 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.



Notary Public

Maryalice Theresa McFarland

COPY

Dated: 03/04/03, 2003

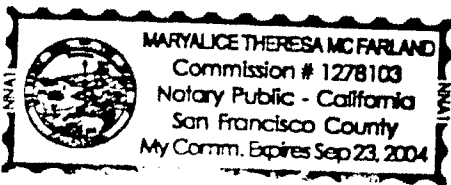
Somasekhar Bhamidipati
Somasekhar Bhamidipati

State of California]

County of San Mateo] SS.

On 4 March, 2003, before me, Maryalice Theresa McFarland, Notary Public, personally appeared Somasekhar Bhamidipati, 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.



Notary Public

Maryalice Theresa McFarland

Dated: March 4th, 2003

Catherine Sylvain
Catherine Sylvain

State of California]

County of San Mateo] SS.

On 4 March, 2003, before me, Maryalice Theresa McFarland, Notary Public, personally appeared Catherine Sylvain, 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.



Notary Public

Maryalice Theresa McFarland

COPY

Dated: March 4th, 2003

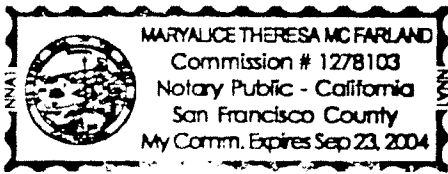
Hui Li
Hui Li

State of California]

County of San Mateo] SS.

On 4 March, 2003, before me, Maryalice Theresa McFarland 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.



Notary Public

Maryalice Theresa McFarland

Dated: _____, 2003

Alexander B. Rossi

State of California]

County of _____] SS.

On _____, 2003, before me, _____, Notary Public, personally appeared Alexander B. Rossi, 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.

Notary Public

Dated: _____, 2003

Hui Li

State of California]

County of _____] SS.

On _____, 2003, before me, _____, 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.

Notary Public

Dated: March 13, 2003

Alexander B. Rossi

State of California]

County of San Mateo] SS.

On March 13, 2003, before me, Maryalice Therese McFarland Notary Public, personally appeared Alexander B. Rossi, 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.

Notary Public



Maryalice Therese McFarland