

Docket No. 34674/US

Document ID No. 700144118

FORM PTO 1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

**RECORDATION COVER SHEET  
PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name(s) of conveying party(ies):

Rajinder Singh; Ankush Argade; Hui Li; Somasekhar  
Bhamidipati; David Carroll; Catherine Sylvain; Jeffrey  
Clough; and Holger KeimAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Dates: December 17, 2004; December 17,  
2004; January 4, 2005; December 17, 2004;  
December 17, 2004; December 17, 2004; December  
17, 2004; and December 17, 2004

## 2. Name and address of receiving party(ies)

Name: Rigel Pharmaceuticals, Inc.

Internal Address: \_\_\_\_\_

Street Address: 1180 Veterans BoulevardCity: South San Francisco State: CA ZIP: 94080Country: U.S.A.Additional name(s) & address(es) attached ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/903,870

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Scott D. RothenbergerInternal Address: Customer Number 25763Dorsey & Whitney LLPIntellectual Property DepartmentStreet Address: Suite 1500, 50 South Sixth StreetCity: Minneapolis State: MN ZIP 55402-1498

## 6. Total Number of applications and patents involved:

7. Total fee (37 CFR 3.41) . . . x \$40. . . . . \$40.00

- ☒ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit Account number: 04-1420

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Scott D. Rothenberger

Name of Person Signing

Reg. No. 41,277



Signature

January 14, 2005

Date

Total number of pages including cover sheet, attachments, and document: 7

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**PATENT**  
REEL: 015598 FRAME: 0954

01/07/2005  
700144118

Docket No. 34574/US

FORM PTO 1595 (Rev. 8-93) OMB No. 0651-0011 (exp. 4/94)		<b>RECORDATION COVER SHEET PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name(s) of conveying party(ies):  Rajinder Singh; Ankush Argade; Hui Li; Somasekhar Bhamidipati; David Carroll; Catherine Sylvain; Jeffrey Clough; and Holger Keim  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies)  Name: <u>Rigel Pharmaceuticals, Inc.</u> Internal Address: _____ Street Address: <u>1180 Veterans Boulevard</u> City: _____ State: _____ ZIP: _____ Country: <u>U.S.A.</u> Additional name(s) & address(es) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Dates: <u>December 17, 2004; December 17, 2004; January 4, 2005; December 17, 2004; December 17, 2004; December 17, 2004; December 17, 2004; and December 17, 2004</u>					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:					
A. Patent Application No.(s) <u>10/903,870</u>			B. Patent No.(s)		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Scott D. Rothenberger</u> Internal Address: <u>Customer Number 25763</u> <u>Dorsey &amp; Whitney LLP</u> <u>Intellectual Property Department</u> Street Address: <u>Suite 1500, 50 South Sixth Street</u> City: <u>Minneapolis</u> State: <u>MN</u> ZIP <u>55402-1498</u>			6. Total Number of applications and patents involved:  7. Total fee (37 CFR 3.41) . . . x \$40. . . . . <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account number: <u>04-1420</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.  <div style="display: flex; justify-content: space-between;"> <div> <u>Scott D. Rothenberger</u>            Name of Person Signing            Reg. No. 41,277         </div> <div style="text-align: center;">             Signature         </div> <div> <u>January 7, 2005</u>            Date         </div> </div>					
Total number of pages including cover sheet, attachments, and document: <u>7</u> Mail documents to be recorded with required cover sheet information to:  <div style="display: flex; justify-content: space-between;"> <div>           Mail Stop Assignment Recordation Services            Director of the US Patent and Trademark Office            P.O. Box 1450            Alexandria, VA 22313-1450         </div> <div>           FACSIMILE NO.: 703.306.5995         </div> </div>					

CH 34574 00 041420 10903870

## ASSIGNMENT Small Entity

Attorney Docket No.: 34674/US

Page 1 of 3

First Named Inventor: Rajinder Singh

Title: Methods of Treating or Preventing Autoimmune Diseases with 2,4-Pyrimidinediamine Compounds

WHEREAS, we, Rajinder Singh, of 1832 Hillman Avenue, Belmont, California 94002; Ankush Argade, of 639-1 Catamaran Street, Foster City, California 94404; Hui Li, of 1550 Frontera Way, Apt. 177, Millbrae, California 94030; Somasekhar Bhamidipati, of 828 Foster City Boulevard, #Q2, Foster City, California 94404; David Carroll, 87 Delores Street, Apt. #105, San Francisco, California, 94103-1048; Catherine Sylvain, of 24 Prague Street, San Mateo, California 94401; Jeffrey Clough, of 3520 Bay Road, Redwood City, California 94063; and Holger Keim, of 25 Buckhorn Way, Menlo Park, California 94025, have invented certain new and useful improvements as described in an application entitled **METHODS OF TREATING OR PREVENTING AUTOIMMUNE DISEASES WITH 2,4-PYRIMIDINEDIAMINE COMPOUNDS** for Letters Patent of the United States, the application having been executed on even date herewith and/or being identified in the United States Patent and Trademark Office by Application No. 10/903,870 filed July 30, 2004; and

WHEREAS, Rigel Pharmaceuticals, Inc., a corporation organized and existing under the laws of the State of Delaware, and having offices at 1180 Veterans Boulevard, South San Francisco, California ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We and our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection of the invention in any and all countries.

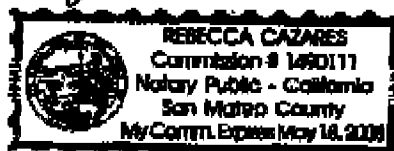
  
 Rajinder Singh

### CERTIFICATE OF ACKNOWLEDGMENT

STATE OF CALIFORNIA \_\_\_\_\_)

COUNTY OF San Mateo : SS.Subscribed and sworn to before me, a Notary Public, this 17 day of December, 2004.
Rebecca Cazares  
 Notary Public

(SEAL)



RIGHT FAX

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PAGE 000/011


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**ASSIGNMENT  
Small Entity**


Attorney Docket No.: 34674/US

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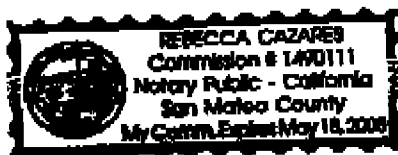
First Named Inventor: Rajinder Singh

Title: Methods of Treating or Preventing Autoimmune  
Diseases with 2,4-Pyrimidinediamine Compounds  
Ankush Argade**CERTIFICATE OF ACKNOWLEDGMENT**

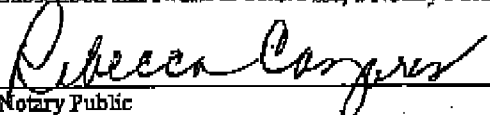
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Notary Public

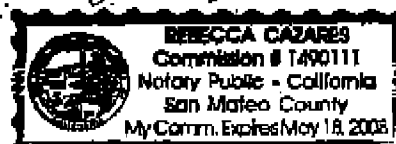
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Eui Li**CERTIFICATE OF ACKNOWLEDGMENT**

STATE OF CALIFORNIA \_\_\_\_\_)

COUNTY OF San Mateo ) SS.Subscribed and sworn to before me, a Notary Public, this 4 day of January, 2005  
Notary Public

(SEAL)



<b>ASSIGNMENT Small Entity</b>	Attorney Docket No.: 34674/US	Page 3 of 5
	First Named Inventor: Rajinder Singh	
	Title: Methods of Treating or Preventing Autoimmune Diseases with 2,4-Pyrimidinediamine Compounds	

*Somasekhar*

Somasekhar Bhamidipati

**CERTIFICATE OF ACKNOWLEDGMENT**

STATE OF CALIFORNIA )  
COUNTY OF San Mateo ) SS.

Subscribed and sworn to before me, a Notary Public, this 17 day of December, 2004.

*Rebecca Cazares*

Notary Public

(SEAL)



*David Carroll*

David Carroll

**CERTIFICATE OF ACKNOWLEDGMENT**

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COUNTY OF San Mateo ) SS.

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*Rebecca Cazares*

Notary Public

(SEAL)



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Small Entity**

Attorney Docket No.: 34674/US

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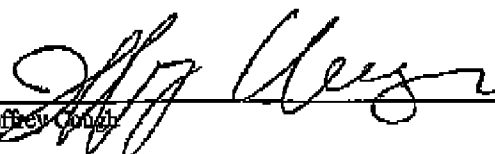
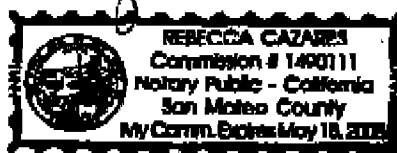
First Named Inventor: Rajinder Singh

Title: Methods of Treating or Preventing Autoimmune  
Diseases with 2,4-Pyrimidinediamine Compounds  
Catherine Sylvain**CERTIFICATE OF ACKNOWLEDGMENT**

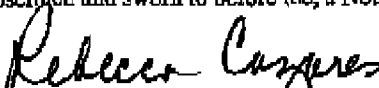
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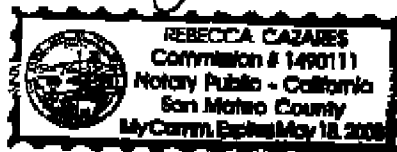
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Jeffrey Cough**CERTIFICATE OF ACKNOWLEDGMENT**

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Notary Public

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PAGE 008/010

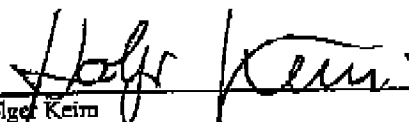
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Small Entity**

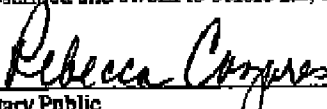
Attorney Docket No.: 34674/US

Page 5 of 5

First Named Inventor: Rajinder Singh

Title: Methods of Treating or Preventing Autoimmune  
Diseases with 2,4-Pyrimidinediamine Compounds  
Holger Keim**CERTIFICATE OF ACKNOWLEDGMENT**

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Notary Public

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