## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Ankush Argade	04/02/2010
Arvinder Sran	03/19/2010
David Carroll	05/12/2010
Jeffrey Clough	05/05/2010
Kin Tso	05/04/2010
Somasekhar Bhamidipati	05/04/2010
Sambaiah Thota	03/30/2010
Rajinder Singh	05/11/2010
Vanessa Taylor	06/23/2010
Hui Li	05/04/2010
Esteban Masuda	08/30/2010

#### **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:	12711534

### **CORRESPONDENCE DATA**

Fax Number: (510)663-0920

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 5106631100

Email: ksimpson@wavsip.com
Correspondent Name: Brian D. Griedel

PATENT 501290349 REEL: 024986 FRAME: 0255

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CH \$40,00

Address Line 1: Weaver Austin Villeneuve & Sampson LLP Address Line 2: 500 12th Street, Suite 200 Address Line 4: Oakland, CALIFORNIA 94607 ATTORNEY DOCKET NUMBER: RIGLP002X1C2 NAME OF SUBMITTER: Brian D. Griedel **Total Attachments: 9** source=RIGLP002X1C2\_ASGN#page1.tif source=RIGLP002X1C2\_ASGN#page2.tif source=RIGLP002X1C2\_ASGN#page3.tif source=RIGLP002X1C2\_ASGN#page4.tif source=RIGLP002X1C2\_ASGN#page5.tif source=RIGLP002X1C2\_ASGN#page6.tif source=RIGLP002X1C2\_ASGN#page7.tif source=RIGLP002X1C2\_ASGN#page8.tif source=RIGLP002X1C2\_ASGN#page9.tif

> PATENT REEL: 024986 FRAME: 0256

#### ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

#### COMPOSITIONS AND METHODS FOR INHIBITION OF THE JAK PATHWAY

(Atty. Dock	et No. RIGLP002X1C2/P.0192.17.US.UT), (check one)
$\overline{\boxtimes}$	for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No. 12/711,534. (Not accompanying) which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to <u>Rigel Pharmaceuticals</u>, Inc., having a place of business at 1180 Veterans Boulevard, South San Francisco, California 94080 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Page 1 of 7

Signed on the date indicated beside my signature.

Docket No. RIGLP009/P.0260.01.US.UT

1. Inventor Signature: Ankush Argade Date: April 2 2010
State of California )
County of San Mako ss.
On April 3, 3010 before me, JOSE J. SAN GABRIEC hofzay Pupersonally 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.  JOSE J. SAN GABRIEL Commission # 1754698 Notary Public - California San Mateo County My Comm. Expires Jul 28, 2011
2. Inventor Signature: Date:
State of California )
County of
On
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

Docket No. RIGLP009/P.0260.01.US.UT

1. Inventor Signature:			Date:	
<del>-</del>	nkush Argade			
State of California	)	oc.		
County of		SS.		
OnappearedAnkush Argad person(s) whose name(s) he/she/they executed the signature(s) on the instrument.	e, who proved to is/are subscribed to t same in his/her/their	he within instrum authorized capad	ent and acknowled city(ies), and that	ged to me that by his/her/their
I certify under PENALTY paragraph is true and correc		the laws of the St	ate of California tha	at the foregoing
WITNESS my hand and off	icial seal.			
Signature		<del></del>		Serve
And the second second	•			
2. Inventor Signature: A	Alvidu S rvinder Sran	lear	Date: 03 19	
State of California	)	ss.		
State of California  County of $\frac{San}{A}$	te 2			
On Masch 19, 2010 appeared Arvinder Sran whose name(s) is/are subscexecuted the same in his/he instrument the person(s), or	_ before me, , who proved to me o ribed to the within in the rather authorized capa	n the basis of satis nstrument and ack acity(ies), and that	factory evidence to be mowledged to me to by his/her/their sign	hat he/she/they nature(s) on the
I certify under PENALTY of paragraph is true and correct		the laws of the Sta	ate of California tha	at the foregoing
WITNESS my hand and offi	cial seal.	No.	TING SU COMM. #1718960 tary Public - California San Mateo County mm. Expires Jan. 21, 2011	

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Docket No. RIGLP009/P.0260.01.US.UT

3. Inventor Signature: David Carroll  David Carroll  David Carroll
State of California )
County of San Mateo
On May 12,2010 before me, Teresa Marie Lasaga, personally appeared David Carroll, 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  TERESA MARIE LASAGA Commission # 1863176 Notary Public - California San Mateo County My Comm. Expires Aug 29, 2013
4. Inventor Signature: Jacobs Date: 5/5/10
State of California ) ss.
County of San Mateo
On May 5, 2010 before me, Teresa Marie Lasaga, 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.
Signature  TERESA MARIE LASAGA Commission # 1863176 Notary Public - California San Mateo County My Comm. Expires Aug 29, 2013

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Docket No. RIGLP009/P.0260.01.US.UT **PATENT** 

5. Inventor Signature: Kin Tso Date: 5/4/co
State of California ) County of San Mateo ) ss.
On May 4, 2010 before me, Teresa Marie Lasay, personally appeared Kin Tso, 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  TERESA MARIE LASAGA Commission # 1863176 Notary Public - California San Mateo County My Comm. Expires Aug 29, 2013
6. Inventor Signature: Somasekhar Bhamidipati Date: 05/04/2010
State of California ) County of San Mateo ) ss.
on May 1,200 before me, Teresa Marie Lasas , personally appeared before me, 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  TERESA MARIE LASAGA Commission # 1863176 Notary Public - California San Mateo County My Comm. Expires Aug 29, 2013

Docket No. RIGLP009/P.0260.01.US.UT **PATENT** 

7. Inventor Signature: Sambaiah Thota  Date: 03/30/2010
State of Massachusetts )
County of Middlesh Sambaiah Thota before me, 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 Massachusetts that the foregoing paragraph is true and correct.
Signature Acommission Expires September 24, 2010
8. Inventor Signature: Rajinder Singh
State of California )
) ss. County of)
On
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

/. Inventor Signature:			Date:	
·	aiah Thota			
State of Massachusetts	)	_		
County of		SS.		
On be appeared <u>Sambaiah Thota</u> , person(s) whose name(s) is/are he/she/they executed the same signature(s) on the instrument to executed the instrument.	who proved to me e subscribed to the e in his/her/their an	within instrumuthorized capa	nent and acknowled city(ies), and that	dged to me that by his/her/their
I certify under PENALTY OF PI paragraph is true and correct.	ERJURY under the la	aws of the State	e of Massachusetts t	hat the foregoing
WITNESS my hand and official	seal.			
8. Inventor Signature: Rajind	ler Singh		Date: <u>S/11</u>	10
State of California  County of San Mateo	<u></u>	ss.	,	
On May 11, 2010 be appeared Rajinder Singh, w whose name(s) is/are subscribe executed the same in his/her/the instrument the person(s), or the e	tho proved to me on the dot to the within instead capacitation.	the basis of satis rument and acl ty(ies), and that	sfactory evidence to knowledged to me t by his/her/their si	<ul><li>be the person(s)</li><li>that he/she/they</li><li>gnature(s) on the</li></ul>
I certify under PENALTY OF I paragraph is true and correct.	PERJURY under the	laws of the St	tate of California th	nat the foregoing
WITNESS my hand and official signature	seal.		TERESA MARIE LASAGA Commission # 1863176 Notary Public - California San Mateo County y Comm. Expires Aug 29, 20	

Docket No. PIGL P009/P-0260.01.US.UT

Docket

REEL: 024986 FRAME: 0263

9. Inventor Signature: Vanessa Taylor  Date: OG 23 2010
State of California )
County of San Mates
On June 23, 2010 before me, Icresa Marie Lasa , personally appeared Vanessa Taylor, 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  TERESA MARIE LASAGA Commission # 1863176 Notary Public - California San Mateo County My Comm. Expires Aug 29, 2013
10. Inventor Signature: Hui Li Date: 5(4/10
State of California )
County of San Mateo ss.
On May 1,2010 before me, Teres Marie Lasa, personally appeared Hui Li, 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  TERESA MARIE LASAGA Commission # 1863176 Notary Public - California San Mateo County My Comm. Expires Aug 29, 2013

Docket No. PLATER 10260.01.US.UT

REEL: 024986 FRAME: 0264

11. Inventor Signature: Date: 8/30/26/0 Esteban Masuda
State of California )
County of <u>San Marted</u> ) ss.
On August 30, 2010 before me, Teresa Marie Lasac, personally appeared Esteban Masuda, 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  TERESA MARIE LASAGA Commission # 1863176 Notary Public - California San Mateo County My Gomm. Expires Aug 29, 2012

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**RECORDED: 09/14/2010** 

REEL: 024986 FRAME: 0265