PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIAXIN YU	06/29/2009
HUI HONG	06/29/2009
IHAB S. DARWISH	06/29/2009
XIANG XU	06/26/2009
RAJINDER SINGH	06/29/2009

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:	14493050

CORRESPONDENCE DATA

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Phone: 312-913-0001 **Email:** neth@mbhb.com

Correspondent Name: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

Address Line 1: 300 SOUTH WACKER DRIVE Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	06-925-A12USCO3
NAME OF SUBMITTER:	JAMES V. SUGGS
SIGNATURE:	/James V. Suggs/
DATE SIGNED:	09/23/2014

Total Attachments: 6

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502988381 PATENT REEL: 033801 FRAME: 0931

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PATENT REEL: 033801 FRAME: 0932

ASSIGNMENT

Case No.: 06-925-A12-US

Inventors: Yu et al.

Serial No.: 12/428,334 Filing Date: April 22, 2009

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Rigel Pharmaceuticals, Inc. 1180 Veterans Boulevard South San Francisco, California 94080 United States of America

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Carboxamide Compounds and Methods for Using The Same

and identified as:

Case No. 06-925-A12-US

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

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For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient. and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this <u>ュタチ</u>	h day of <u>June</u>	, 2	009.	
		u		
	Jiaxii	n Yu		
State of California)			
County of San Majes) ss			
County of SUN 1 WACO		•		
on June 29,2009	before me, Jalle	n Kaur Ka	Notary Public, persona	ally
appeared <u>Jiaxin Yu</u>	_, who proved to me on	the basis of sa	tisfactory evidence to be	the
person(s) whose name(s) is/are subscribe	d to the within instrume	nt and acknowl	edged to me that he/she/	they-
executed the same in his/her/their authori	ized capacity(ies), and th	nat by his/her/th	eir signature(s) on the	
instrument the person(s), or the entity up	on behalf of which the p	erson(s) acted,	executed the instrument	
I certify under PENALTY OF PERJURY	under the laws of the S	tate of Californ	ia that the foregoing para	agraph
is true and correct.			•	
		yeare	****	**
WITNESS my hand and official seal.			JASLEEN KAUR KALS Commission # 1807351	F
			Notary Public - California San Francisco County	NAMA .
Jarles ps.	_	,	ly Comm. Expires Jul 25, 201	2
(Signature of Notary)	(Seal of Notary)			

WITNESS my hand and seal this 29 day of June, 2009.
Hui Hong
State of California) County of Saw Maleo) ss.
on <u>Simulary 1009</u> before me, <u>Toulien Law Lot, Notary Public</u> , personally appeared <u>Hui Hong</u> , 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(jes), 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 paragrap is true and correct.
WITNESS my hand and official seal. JASLEEN KAUR KALS Commission # 1807351 Notary Public - California San Francisco County My Comm. Expires Jul 25, 2012 (Seal of Notary)

WITNESS my hand and seal this 29	_day of	Tune	, 2009.
	į	Thab S. Darwis	ypri
State of California)		
County of San Mates) ss.		
			0 -
State of California County of San M4+co On Jule 29, 2009	before me, Jak	lleen Kai	Notary Public, personally
appeared <u>Ihab S. Darwish</u>			
person(s) whose name(s) is/are subscribed	to the within inst	trument and ackr	owledged to me that he/she/they
executed the same in his/her/their authorize	•		, –
instrument the person(s), or the entity upon	•	,-	~
,		•	•
I certify under PENALTY OF PERJURY u	ınder the laws of	the State of Cali	fornia that the foregoing paragraph
is true and correct.			
			JASLEEN KAUR KALS
WITNESS my hand and official seal.			Commission # 1807351 Notary Public - California
Jaslen V.			San Francisco County My Comm. Expires Jul 25, 2012
(Signature of Notary)	(Seal of Notary	')	

WITNESS my hand and seal this <u>26</u>	day of
	2
	Xiang Xu
State of California County of Sam MaHlo)) ss.
appeared Xiang Xu person(s) whose name(s) is/are subscribed executed the same in his/her/their authorize	before me, <u>Tasleen Vauy Kally Notary Public</u> , personally, who proved to me on the basis of satisfactory evidence to be the to the within instrument and acknowledged to me that he/she/they ed capacity(jes), and that by his/her/their signature(s) on the a behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY us is true and correct. WITNESS my hand and official soal.	JASLEEN KAUR KALS Commission # 1807351 Notary Public - California San Francisco Gounty My Comm. Expires Jul 25, 2012
(Signature of Notary)	(Seal of Notary)

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WITNESS my hand and seal this 29 day of 7 wc, 2009.
Regulation
Rajinder Singh
State of California)
County of San Mayes) ss.
To valo
On July 29, 2009 before me, Tasleen Kaur Kalo, Notary Public, 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 paragrap
is true and correct.

WITNESS my hand and official seal. JASLEEN KAUR KALS Commission # 1997954
Notary Public - California
San Francisco County My Comm. Expires Jul 25, 2012
(Signature of Notary) (Seal of Notary)
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