

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Pingyu Ding</td><td>02/23/2007</td></tr><tr><td>Ankush Argade</td><td>02/23/2007</td></tr><tr><td>Dane Goff</td><td>02/23/2007</td></tr><tr><td>Rajinder Singh</td><td>02/23/2007</td></tr><tr><td>Esteban Masuda</td><td>02/26/2007</td></tr><tr><td>Vanessa Taylor</td><td>02/23/2007</td></tr><tr><td>Sacha Holland</td><td>02/23/2007</td></tr></tbody></table>	Name	Execution Date	Pingyu Ding	02/23/2007	Ankush Argade	02/23/2007	Dane Goff	02/23/2007	Rajinder Singh	02/23/2007	Esteban Masuda	02/26/2007	Vanessa Taylor	02/23/2007	Sacha Holland	02/23/2007	
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RECEIVING PARTY DATA																	
<table border="1"><tr><td>Name:</td><td>Rigel Pharmaceuticals, Inc.</td></tr><tr><td>Street Address:</td><td>1180 Veterans Boulevard</td></tr><tr><td>City:</td><td>South San Francisco</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94080</td></tr></table>	Name:	Rigel Pharmaceuticals, Inc.	Street Address:	1180 Veterans Boulevard	City:	South San Francisco	State/Country:	CALIFORNIA	Postal Code:	94080							
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CORRESPONDENCE DATA																	
Fax Number: (312)913-0002 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 3129130001																	
Email: docketing@mbhb.com																	
Correspondent Name: McDonnell Boehnen Hulbert & Berghoff LLP																	
Address Line 1: 300 South Wacker Drive																	
Address Line 2: Suite 3100																	
Address Line 4: Chicago, ILLINOIS 60606																	
ATTORNEY DOCKET NUMBER:	06-916-F																

PATENT

500230457

REEL: 018939 FRAME: 0074

CH \$40.00 11611568

NAME OF SUBMITTER:

Michael S. Greenfield

Total Attachments: 8

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**PATENT**

**REEL: 018939 FRAME: 0075**

## **ASSIGNMENT**

Case No.: 06-916-F  
Inventors: Ding, et al.

Serial No.: 11/611,568  
Filing Date: December 15, 2006

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., a Corporation of the State of Delaware**

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:

### **Kinase Inhibitors And Their Uses**

and identified as:

**Case No. 06-916-F**

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.

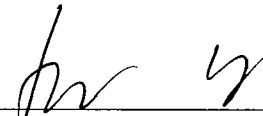
The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

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.

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.

02/23/2007  
Date

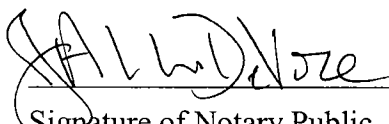
  
Pingyu Ding

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF San Mateo )

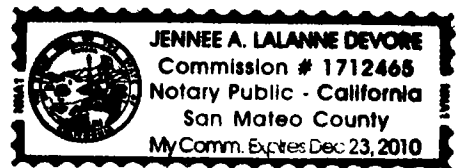
On 2/23/2007 before me, Jennee Lalanne Devore (here insert name and title of the officer), personally appeared **Pingyu Ding**, personally known to me (or ~~proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

(Seal)

  
Signature of Notary Public

Print Name: Jennee Lalanne Devore  
My Commission Expires: December 23, 2010



2/23/07  
Date

Ankush Argade  
Ankush Argade

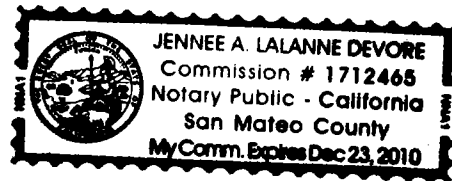
STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF San Mateo )

On 2/23/2007 before me, Jennee Lalanne Devore (here insert name and title of the officer), personally appeared **Ankush Argade**, personally known to me (or proved to me on the basis of ~~satisfactory evidence~~) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

(Seal)

Jennee Lalanne Devore  
Signature of Notary Public  
Print Name: Jennee Lalanne Devore  
My Commission Expires: December 23, 2010



2/23/07  
Date

Dane Goff  
Dane Goff

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF San Mateo )

On 2/23/2007 before me, Jennee Lalanne Devore (here insert name and title of the officer), personally appeared **Dane Goff**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

(Seal)

Jennee Lalanne Devore  
Signature of Notary Public  
Print Name: Jennee Lalanne Devore  
My Commission Expires: December 23, 2010



Feb 23, 2007

Date

Rajinder Singh  
Rajinder Singh

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF San Mateo )

On 2/23/2007 before me, Jennee Lalanne Devore (here insert name and title of the officer), personally appeared **Rajinder Singh**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

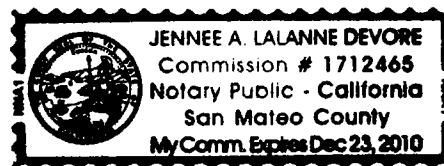
(Seal)

Jennee Lalanne Devore

Signature of Notary Public

Print Name: Jennee Lalanne Devore

My Commission Expires: December 23, 2010



Feb 26, 2007  
Date

EL ML  
Esteban Masuda

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF San Mateo )

On 2/26/2007 before me, Jennee Lalanne Devore (here insert name and title of the officer), personally appeared **Esteban Masuda**, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

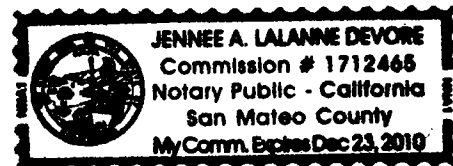
(Seal)

Jennee A. Lalanne Devore

Signature of Notary Public

Print Name: Jennee A. Lalanne Devore

My Commission Expires December 23, 2010





02/23/07  
Date

Vanessa Taylor  
Vanessa Taylor

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF San Mateo )

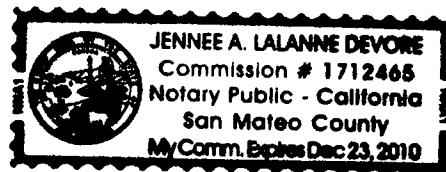
On 2/23/2007 before me, Jennee Lalanne Devore (here insert name and title of the officer), personally appeared **Vanessa Taylor**, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he~~ <sup>she</sup> executed the same in ~~his~~ <sup>her</sup> authorized capacity, and that by ~~his~~ <sup>her</sup> 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.

(Seal)

Jennee A. Lalanne Devore  
Signature of Notary Public

Print Name: Jennee A. Lalanne Devore  
My Commission Expires: December 23, 2010



2/23/07  
Date

Sacha Holland  
Sacha Holland

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF San Mateo )

On 2/23/2007 before me, Jennee Lalanne Devore (here insert name and title of the officer), personally appeared **Sacha Holland**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~she~~<sup>he</sup> executed the same in ~~his~~<sup>her</sup> authorized capacity, and that by ~~his~~<sup>her</sup> 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.

(Seal)

Jennee Lalanne Devore  
Signature of Notary Public  
Print Name: Jennee Lalanne Devore  
My Commission Expires: December 23, 2010

