

FORM PTO-1596  
1-31-99

08-09-2000



U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Assistant Commissioner for

Shed original documents or copy thereof.

1. Name of conveying party(ies):  Sarkiz D. ISSAKANI; Jianing HUANG; and Julie SHEUNG  Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No		2. Name and address of receiving party(ies): Name: <u>RIGEL PHARMACEUTICALS, INC.</u>  Internal Address: _____  Street Address: <u>240 East Grand Avenue</u> City: <u>South San Francisco</u> State: <u>California</u> Zip: <u>94080</u> Country: _____ Additional name(s) & address(es) attached? [ ] Yes [X] No	
3. Nature of Conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other _____  Execution Date: <u>17 July 2000</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)

09/542,497

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Robin M. Silva</u> Internal Address: <u>FLEHR HOHBACH TEST</u> <u>ALBRITTON &amp; HERBERT LLP</u>  Street Address: <u>Four Embarcadero Center - Suite 3400</u> City: <u>San Francisco</u> State: <u>California</u> Zip: <u>94111-4187</u>		6. Total number of applications and patents involved: <u>1</u>  7. Total fee (37 CFR § 3.41):...\$ <u>40.00</u>  [X] Enclosed [ ] Authorized to be charged to deposit account  8. Deposit account number: <u>06-1300</u>  Please debit any underpayment or credit any overpayment to the above deposit account.  Our Order No. <u>A-68613/DJB/RMS/JJD</u> (Attach duplicate of this page if paying by deposit account)	
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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.*

Dolly A. Vance  
Name of Person Signing

Dolly A. Vance  
Signature

31 July 2000  
Date

Total number of pages including cover sheet, attachments and document: [ 5 ]

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Rev. 8/93 (39811)  
SF-1024363v1

PATENT  
REEL: 010970 FRAME: 0905

ASSIGNMENT

WHEREAS, the undersigned,

(1) SARKIZ D. ISSAKANI, (2) JIANING HUANG,

(3) JULIE SHEUNG,

(hereinafter termed "Inventors"), residents of

(1) 190 Colonnade Square, San Jose (2) 900 Constitution Dr., Foster City

(3) 28 Margaret Ave., San Francisco,

respectively, Counties of

(1) Santa Clara, (2) San Mateo,

(3) San Francisco,

respectively, States of

(1) California, (2) California,

(3) California,

respectively, have invented certain new and useful improvements in UBIQUITIN  
LIGASE ASSAY and have executed concurrently herewith an application for a  
United States patent disclosing and identifying the invention; and

WHEREAS, RIGEL PHARMACEUTICALS, INC. a corporation of the State of  
CALIFORNIA, having a place of business at SOUTH SAN FRANCISCO, State of  
CALIFORNIA, (hereinafter termed "Assignee"), 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 (all collectively hereinafter termed "said invention"), and in and  
to any and all patents, inventor's 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 Inventors 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 division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally 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 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 Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

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

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee this

(1) 17 day of July, 2000, (2) 17 day of July, 2000,  
(3) 17 day of July, 2000, respectively.

County of San Mateo  
State of California

(1) [Signature]  
SARKIZ D. ISSAKANI  
, )  
, ) ss.  
, )

On this 17 day of July, in the year 2000, before me,  
Rebecca Cazares, Notary Public of the State of Calif,  
personally appeared (1) SARKIZ D. ISSAKANI, 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 that he executed the  
same in his authorized capacity(ies), 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.

Signature Rebecca Cazares



(2) [Signature]  
JIANING HUANG

County of San Mateo  
State of California

, )  
, ) ss.  
, )

On this 17 day of July, in the year 2000, before me,  
Rebecca Cazares, Notary Public of the State of Calif,  
personally appeared (2) JIANING HUANG, 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 that he executed the  
same in his authorized capacity(ies), 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.



Signature Rebecca Cazares

(Seal)

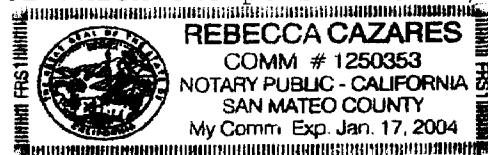
(3) Julie Sheung  
JULIE SHEUNG

County of San Mateo .)

State of California .)  
.) ss.

On this 17 day of July, in the year 2000, before me,  
Rebecca Cazares, Notary Public of the State of Calif.,  
personally appeared (3) JULIE SHEUNG, 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 that he executed the  
same in his authorized capacity(ies), 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.



Signature Rebecca Cazares

(Seal)

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