

PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
HENRY H. LU	2005-03-15
JIANING HUANG	2005-03-15
DONALD G. PAYAN	2005-03-15

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
RIGEL PHARMACEUTICALS, INC.	1180 Veterans Blvd.		South San Francisco	CALIFORNIA	94080

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number	10975285

CORRESPONDENCE DATA

FAX NUMBER: 6503273231

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

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 024353

NAME OF PERSON SIGNING:

James S. Keddie

DATE SIGNED:

2005-05-02

Total Attachments: 1
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CH \$40.00 500815 10975285

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. RIGL-018

THIS ASSIGNMENT, by LU, HENRY H., HUANG, JIANING and PAYAN, DONALD G. (hereinafter referred to as the assignors), residing in Foster City, California, Foster City, California, and Hillsborough, California respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"METHODS AND COMPOSITIONS FOR THE IDENTIFICATION OF ANTI-POXVIRUS AGENTS"

 x filed on October 27, 2004 as U.S. Application Serial No. or PCT International Application No. 10/975,285 designating the United States.
 for which an application for a United States Patent was executed on , and

WHEREAS, Rigel Pharmaceuticals, Inc. a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1180 Veterans Blvd., South San Francisco, California 94080 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

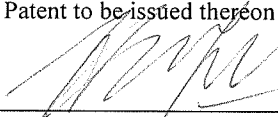
NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

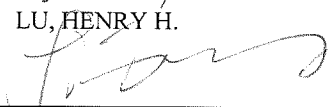
AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behalf of said assignee, its successors, legal representatives and assigns.

Date 3/15/05

Name of Inventor 

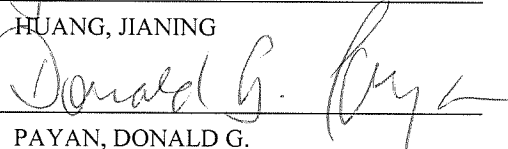
LU, HENRY H.

Date 3/15/05

Name of Inventor 

HUANG, JIANING

Date 3/15/05

Name of Inventor 

PAYAN, DONALD G.