

05-31-2002

Department of Commerce
Patent and Trademark Office



102108201

To the Honorable Director of the USPTO: Please record true attached original documents or copy thereof

1. Name of conveying party(ies):

James P. Edwards, Todd J. Jones,
Christopher M. Tegley, and Lin Zhi

Additional name(s) of conveying party(ies)
attached?

yes no

2. Name and address of receiving party(ies)

Name: Ligand Pharmaceuticals, Inc.

Internal Address: _____

Street Address: 10275 Science Center Drive

City: San Diego State: California Zip: 92121

Additional name(s) & address(es) attached? yes no

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Effective Date: September 22, 2000;
September 22, 2000; September 20, 2000, and
September 22, 2000

4. Application number(s) or patent number(s):

10153393

If this document is being filed with a new application, the execution date of the application is: Herewith

This application is a divisional of US Patent Application No. 09/552, 358, filed April 19, 2000.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: yes no

5. Name and address of party to whom
correspondence concerning document should be
mailed:

Name: Cathy A. Kodroff, Esquire

Howson and Howson

Street Address: Spring House Corporate Center,

Box 457

City: Spring House State: PA Zip: 19477

05/20/2002 SZENDIE1 00000007 10153393

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40.00 DP

6. Total number of applications and
Patents involved:..... 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

08-3040

(Attach duplicate copy of this page if paying by deposit
account)

Do not use this space

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.

Cathy A. Kodroff

Name of Person Signing

Cathy A. Kodroff
Signature

05/22/2002

Date

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

Mail documents to be recorded with required coversheet information to
Director of the USPTO, Box Assignments
Washington, DC 20231



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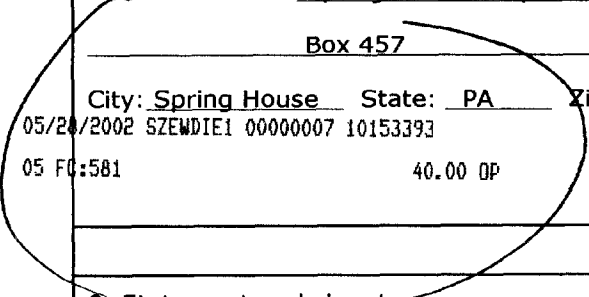
PATENT TRADEMARK OFFICE

PATENT

REEL: 12930 FRAME: 0683

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JCS70 U.S. PTO



ASSIGNMENT

WHEREAS, Gary S. Grubb, Andrew Fensome, Lori L. Miller, John W. Ullrich, Reinhold H.W. Bender, Puwen Zhang, Jay E. Wrobel, James P. Edwards, Todd K. Jones, Christopher M. Tegley, and Lin Zhi hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled CYCLIC REGIMENS UTILIZING INDOLINE DERIVATIVES said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been filed on April 19, 2000 and given Application Number 09/552,358 and in corresponding International Patent Application No. PCT/US00/11834 which has been filed on May 1, 2000;

WHEREAS, Ligand Pharmaceuticals, Inc., a corporation organized and existing under and by virtue of the laws of the state of California and engaged in business at 10275 Science Center Drive, San Diego, California 92121 hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and in any United States or foreign patent which may be granted on said invention, including any extensions, divisions, reissues, continuations or continuations-in-part.

And ASSIGNORS hereby authorize and request the Director of the US Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date 22 SEP 00

James P. Edwards (SEAL)
James P. Edwards

Date 9/21/00

Todd K. Jones (SEAL)
Todd K. Jones

Date 9/20/2000

Christopher M. Tegley (SEAL)
Christopher M. Tegley

Date 9/22/00

Lin Zhi (SEAL)
Lin Zhi

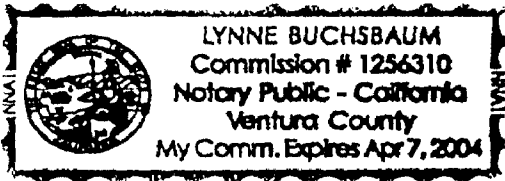
NOTARIAL CERTIFICATE

State of California :
County of Ventura : ss.
:

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 20th day of September 2000, personally appeared Christopher M. Tegley to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

(SEAL)

Lynne Buchsbaum
Notary Public



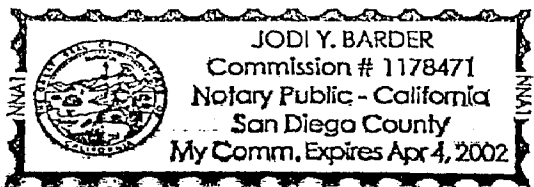
NOTARIAL CERTIFICATE

State of California :
County of San Diego : SS.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 22nd day of September 2000, personally appeared Jodi K. Jones to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

(SEAL)

Jodi Y. Barder
Notary Public



NOTARIAL CERTIFICATE

State of California :
County of San Diego : SS.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 22nd day of September 2000, personally appeared James P. Edwards to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

(SEAL)

Jodi Y. Barder
Notary Public

