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FORM PTO-1595
(Rev. 6-93)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name(s) of conveying party(ies):

- 1) LAWRENCE C. FRITZ
- 2) KEVIN J. TOMASELLI
- 3) DONALD S. KARANEWSKY
- 4) STEVEN D. LINTON
- 5) XU BAI
- 6)

Additional names of conveying parties attached? Yes No

2. Name and address of receiving party:

Name: IDUN PHARMACEUTICALS, INC.

Internal Address: _____

Street Address: 11085 NORTH TORREY PINES ROAD, SUITE 300

City: LA JOLLA State CALIFORNIA

Zip: 92037

Additional names & addresses attached? Yes No

3. Nature of conveyance:

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

Execution Dates:

- 1) MARCH 3, 2000 4) MARCH 3, 2000
- 2) MARCH 3, 2000 5) FEBRUARY 15, 2000
- 3) FEBRUARY 17, 2000 6) _____

4. Application number(s) or registration 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).
08/979,909

B. Patent No(s).

05-15-2000



Additional numbers attached? Yes No

101356433

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

Name: Seed Intellectual Property Law Group PLLC

Internal Address: WILLIAM T. CHRISTIANSEN, PH.D.

Street Address: 701 Fifth Avenue, Suite 6300

City: Seattle State: WA ZIP: 98104-7092

6. Total number of applications and patents involved..... 1

7. Total Fee (37 CFR 3.41): \$40

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-1090

05/12/2000 JENKINS 00004237 08979909

01 FC:581

40.00 IP

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.

WILLIAM T. CHRISTIANSEN, PH.D.

Name of Person Signing

Signature

4/21/2000

Date

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

SUPPLEMENTAL ASSIGNMENT

WHEREAS, we, Lawrence C. Fritz, Kevin J. Tomaselli, Donald S. Karanewsky, Steven D. Linton and Xu Bai (hereinafter referred to as ASSIGNORS), having post office addresses of P.O. Box 676150, Rancho Santa Fe, California 92067, 3665 Jackdaw Street, San Diego, California 92103; 1797 Continental Lane, Escondido, California 92029; 11320 Red Cedar Drive, San Diego, California 92131 and 3357 Avenida Nieve, Carlsbad, California 92009, respectively, are the inventors of an invention entitled "INHIBITION OF APOPTOSIS USING INTERLEUKIN-1 β CONVERTING ENZYME (ICE)/CED-3 FAMILY INHIBITORS," as described and claimed in the specification of the application for United States letters patent which was filed on September 12, 1997 and assigned Application No. 08/979,909.

WHEREAS, Idun Pharmaceuticals, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 11085 North Torrey Pines Road, Suite 300, La Jolla, California 92037, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date 3/3/00

Lawrence C. Fritz
Lawrence C. Fritz

State of California)

County of San Diego)

ss.

I certify that I know or have satisfactory evidence that Lawrence C. Fritz is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 3/3/00

Signature of *Mary A. Peddy*
Notary Public

Printed Name Mary A. Peddy

My appointment expires April 2, 2003

Date 3/3/00

Kevin J. Tomaselli
Kevin J. Tomaselli

State of California)

County of San Diego)

ss.

I certify that I know or have satisfactory evidence that Kevin J. Tomaselli is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated March 3, 2000

Signature of *Mary A. Peddy*
Notary Public

Printed Name Mary A. Peddy

My appointment expires April 2, 2003

17 FEB 2000

Date

Donald S. Karanewsky
Donald S. Karanewsky

State of CALIFORNIA)

County of SAN DIEGO)

ss.

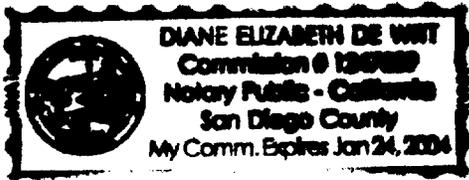
I certify that I know or have satisfactory evidence that Donald S. Karanewsky is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated February 17, 2000

Signature of Notary Public Diane Elizabeth DeWitt

Printed Name Diane Elizabeth DeWitt

My appointment expires January 24, 2004



March 3, 2000
Date

Steven D. Linton
Steven D. Linton

State of California)

County of San Diego)

ss.

I certify that I know or have satisfactory evidence that Steven D. Linton is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated March 3, 2000

Signature of Notary Public Mary A. Peddy

Printed Name MARY A. Peddy

My appointment expires April 2, 2003



2-15-00

Date _____

Xu Bai _____

State of California)

County of San Diego)

ss.

I certify that I know or have satisfactory evidence that Xu Bai the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 2/15/00 _____

Signature of Notary Public Mary A. Peddy _____

Printed Name MARY A. Peddy _____

My appointment expires 4/2/03 _____

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