

01-23-2002



101956792

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

1. Names of conveying parties:

- 1) DONALD S. KARANEWSKY
- 2) VINCENT J. KALISH
- 3) EDWARD D. ROBINSON
- 4) BRETT R. ULLMAN
- 5)
- 6)

11/14/02

Additional names of conveying parties attached? ☐ Yes ☒ No

2. Name and address of receiving party:

Name: IDUN PHARMACEUTICALS, INC.

Internal Address: _____

Street Address: 9380 JUDICIAL DRIVE

City: SAN DIEGO State CA

Zip: 92121

Additional names & addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Dates:

- 1) NOVEMBER 30, 2001
- 2) NOVEMBER 5, 2001
- 3) NOVEMBER 28, 2001
- 4) NOVEMBER 30, 2001
- 5) _____
- 6) _____

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

If this document is being filed together with a new application,
the filing date of the application is _____.

A. Patent Application No(s).

09/912,674

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Name: Seed Intellectual Property Law Group PLLC

Internal Address: KARL R. HERMANN

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

01/22/2002 6TON11 00000321 09912674

01 FC:581

40.00 DP

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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.

KARL R. HERMANN

Name of Person Signing

[Signature]
Signature

12/5/01
Date

Total number of pages including cover sheet, attachments, and document: 4

ASSIGNMENT

WHEREAS, we, Donald S. Karanewsky, Vincent J. Kalish, Edward D. Robinson and Brett R. Ullman (hereinafter referred to as ASSIGNORS), having mailing addresses of 1797 Continental Lane, Escondido, CA 92029; 344 Dubois Road, Annapolis, MD 21401; 3567 Tony Drive, San Diego, CA 92122, and 4021 Richmond Street #6, San Diego, CA 92103, respectively, are the joint inventors of an invention entitled "(SUBSTITUTED)ACYL DIPEPTIDYL INHIBITORS OF THE ICE/ced-3 FAMILY OF CYSTEINE PROTEASES," as described and claimed in the specification for which an application for United States letters patent was filed on July 20, 2001 and assigned Application No. 09/912,674. This application is a continuation of U.S. Patent Application No. PCT/US99/24756, filed October 22, 1999, which claims priority to U.S. Patent Application No. 09/177,546, filed October 22, 1998, issued as U.S. Patent No. 6,242,422.

WHEREAS, IDUN Pharmaceuticals, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 9380 Judicial Drive, San Diego, CA 92121, 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, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer 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 as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree 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 letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

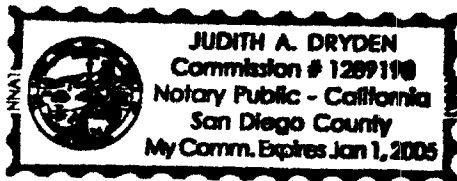
30 Nov. 2001

Date

Donald S. Karanewsky
Donald S. Karanewsky

State of California)
) ss.
County of)

On Nov. 30, '01, before me, Judith A. Dryden ^{notary}, personally appeared Donald S. Karanewsky, ☒ 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 executed the instrument.



WITNESS my hand and official seal.

Judith A. Dryden

11/05/2001

Date

Vincent J. Kalish
Vincent J. Kalish

State of Maryland)
) ss.
County of Carroll)

On November 5, 2001, before me, Vincent J. Kalish, personally appeared Vincent J. Kalish, ☒ 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 executed the instrument.

WITNESS my hand and official seal.

April R. Krell

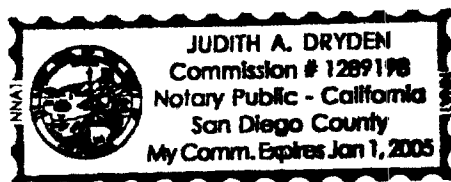
APRIL R. KRELL
NOTARY PUBLIC
STATE OF MARYLAND
MY COMMISSION EXPIRES
DECEMBER 1, 2003

11/29/01
Date

Edward D. Robinson
Edward D. Robinson

State of California)
County of San Diego) ss.

On Nov. 28, 1901, before me, Judith A. Dryden ^{Notary}, personally appeared Edward D. Robinson, ☐ 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 executed the instrument.



WITNESS my hand and official seal.

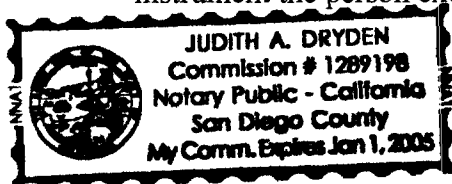
Judith A. Dryden

11.30.01.
Date

Brett R. Ullman
Brett R. Ullman

State of California)
County of San Diego) ss.

On Nov. 30, 2001, before me, Judith A. Dryden ^{Notary}, personally appeared Brett R. Ullman, ☐ 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 executed the instrument.



WITNESS my hand and official seal.

Judith A. Dryden

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