

Form PTO-1595 (Rev. 03-11)
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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

ROBERT ELLIOT ZIPKIN
JEFFREY KROLL ADAMS
SARAH SPIEGEL

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: ENZO THERAPEUTICS, INC. C/O ENZO BIOCHEM, INC.

Internal Address: _____

Street Address: 10 EXECUTIVE BLVD

City: FARMINGDALE

State: NY

Country: USA Zip: 11735

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) AUGUST 24, 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/387,228
PCT/US2010/032939
12/584,131

Additional numbers attached? ☐ Yes ☐ No

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

Name: ELIE GENDLOFF, ESQ. C/O ENZO BIOCHEM, INC.

Internal Address: _____

Street Address: 527 MADISON AVENUE, 9TH FLOOR

City: NEW YORK

State: NY Zip: 10022

Phone Number: 212-583-0100

Fax Number: 212-583-0150

Email Address: egendloff@enzo.com

6. Total number of applications and patents involved: 3

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 120.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 05-1135

Authorized User Name NATALIE BOGDANOS

9. Signature:

/ELIE GENDLOFF/
Signature

MARCH 19, 2012
Date

ELIE GENDLOFF, ESQ.
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$120.00 051135 1238722

ATTORNEY DOCKET NO.: Enz-91

ASSIGNMENT

WHEREAS, WE, Robert Elliot Zipkin, residing at 1214 Weymouth Road, Wynnewood, PA 19096; and Jeffrey Kroll Adams, residing at 1340 Pinetown Road, Fort Washington, PA 19034; have invented certain new and useful improvements in and to the subject matter of:

NOVEL SPHINGOSINE KINASE TYPE 1 INHIBITORS, COMPOSITIONS AND PROCESSES FOR USING SAME

described in an application for United States Letters Patent filed on April 29, 2009, and accorded Application Serial No. 12/387,228;

AND, WHEREAS, Enzo Therapeutics, Inc., a corporation organized under the laws of the State of New York, having a place of business located at 10 Executive Boulevard, Farmingdale, NY 11735-4716 (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, Natalie Bogdanos, Registration No. 51,480; and Ronald C. Fedus, Registration No. 32,567, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to

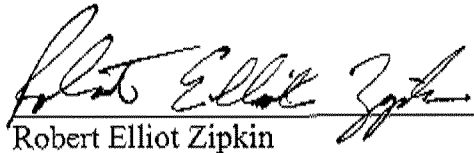
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make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

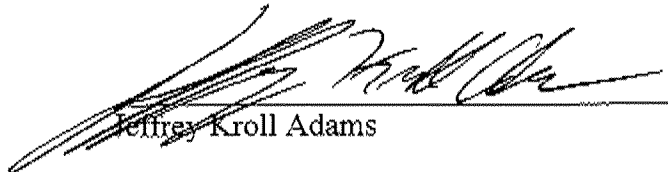
8-24-09
Date


Robert Elliot Zipkin

WITNESS:

Deborah K. Liley

8/25/09
Date


Jeffrey Kroll Adams

WITNESS:

Deborah K. Liley

* * * * *

ATTORNEY DOCKET NO.: Enz-91

ASSIGNMENT

WHEREAS, I, Sarah Spiegel, residing at 11453 Barrington Bridge Court, Richmond, VA 23233; have invented certain new and useful improvements in and to the subject matter of:

NOVEL SPHINGOSINE KINASE TYPE 1 INHIBITORS, COMPOSITIONS AND PROCESSES FOR USING SAME

described in an application for United States Letters Patent filed on April 29, 2009, and accorded Application Serial No. 12/387,228;

AND, WHEREAS, Virginia Commonwealth University, a corporation organized under the laws of the State of Virginia, having a place of business located at 800 East Leigh Street, Ste 113, Richmond, VA 23219 (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND I hereby authorize and request our agents, Natalie Bogdanos, Registration No. 51,480; and Ronald C. Fedus, Registration No. 32,567, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND I hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND I hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior

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to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND I do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, I have hereunto set our hands and seals.

09/09/09
Date

Sarah Spiegel
Sarah Spiegel

WITNESS:

Forcent Line

City of Richmond
Commonwealth of Virginia
The foregoing instrument was acknowledged
before me this 9 day of 9, 2009
by Sarah Spiegel

Heather C. Davison

