Form PTO-1595 (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009) 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) 2. Name and address of receiving party(les) Name: ENZO THERAPEUTICS, INC., C/O ENZO BIOCHEM, INC. YARON ILAN Internal Address:__ Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance/Execution Date(s): Street Address: 527 MADISON AVENUE, 9TH FLOOR Execution Date(s)December 23, 2007 X Assignment Merger City: NEW YORK Security Agreement Change of Name Joint Research Agreement State:NY Government Interest Assignment Country: USA Zip:10022 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) A. Patent Application No.(s) 11/287,502 PCT/IL2006/001217 Additional numbers attached? Yes INo 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name ELIE GENDLOFF 7. Total fee (37 CFR 1.21(h) & 3.41) \$80.00 Internal Address: X Authorized to be charged to deposit account Enclosed Street Address: 527 MADISON AVENUE, 9TH FLOOR None required (government interest not affecting title) 8. Payment Information City: NEW YORK Zip10022 State:NY Phone Number 212-583-0100 Deposit Account Number 05-1135 Fax Number: 212-583-0150 Authorized User Name RONALD C. FEDUS Email Address: egendloff@enzo.com 9. Signature: JANUARY 18, 2011 Date Signaturè Total number of pages including cover ELIE GENDLOFF 3 sheet, attachments, and documents: Name of Person Signing

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

JAN. 18. 2011210:29AM 13:5ENZO BIOCHEMNIT HADASSAH HOSP

Attorney's Docket No.: ENZ-80

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

As a below named inventor, I hereby declare that:

RESIDING AT:

Yaron Ilan

4 Yehoshua Bitsur Street, Givat Massua, Jerusalem, Israel, 96400

Hereby sells, assigns and transfers to: Enzo Therapeutics, Inc., a corporation of the State of New York, having a principal place of business at: 60 Executive Boulevard, Farmingdale, New York 11735-4716, its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the International Application, which has been executed by the undersigned concurrently herewith, and is entitled:

BETA GLYCOLIPIDS AS IMMUNO-MODULATORS

(said application having been filed on October 23, 2006 and accorded International Application Number PCT/IL2006/001217)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said Improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements.

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, refssue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and all patents on said improvements, in

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Director, Deptificantier Manager Director, Deptificantier Manager Liver Unit Hadaseali University Hoppital P.O.B, 12000 Jerusalam 91120 IONAEL

12/23/04

PATENT REEL: 025645 FRAME: 0059

RECORDED: 01/18/2011