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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)
 JIE ZHENG
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: ST. JUDE'S CHILDRENS HOSPITAL
 Internal Address: _____
 Street Address: 262 DANNY THOMAS PLACE
 City: MEMPHIS
 State: TN
 Country: USA Zip 38105
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) 8/25/2009
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

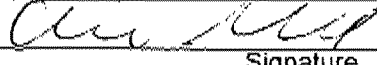
4. Application or patent number(s): This document is being filed together with a new application.
 A. Patent Application No.(s)
 60/504,860
 10/849,067
 Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
 Name 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: 2
7. Total fee (37 CFR 1.21(h) & 3.41) \$80.00
 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:  OCTOBER 11, 2011
 Signature Date

ELIE GENDLOFF, ESQ. Total number of pages including cover sheet, attachments, and documents: 4
 Name of Person Signing

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

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ASSIGNMENT

WHEREAS We, Jie Zheng, of 1071 Island Place East, Memphis, TN, 38103; and Jufang Shan, of 455 Main St., Apt. 7S, New York, NY 10044; (hereinafter ("Assignors")); have invented certain new and useful improvements in:

COMPOSITION AND METHODS FOR BONE FORMATION

AND REMODELING

for which We have filed application for Letters Patent of the United States on March 19, 2004, which claims priority to U.S. Provisional Application Serial No. 60/504,860 filed on September 22, 2003;

AND WHEREAS, St. Jude's Children Research Hospital, a public institution of higher education of the State of Tennessee, having a business address at 262 Danny Thomas Place, Memphis, Tennessee 38105, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and the Letters Patent to be obtained thereon;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and sufficient considerations, the receipt of all of which is hereby acknowledged, We, the said Assignors; have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said ST. JUDE CHILDREN'S RESEARCH HOSPITAL, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ST. JUDE CHILDREN'S RESEARCH HOSPITAL, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ST. JUDE CHILDREN'S RESEARCH HOSPITAL, its successors and assigns; and We do hereby agree that the said ST. JUDE CHILDREN'S RESEARCH HOSPITAL, may apply for foreign Letters Patent on said invention and that We will

execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ST. JUDE CHILDREN'S RESEARCH HOSPITAL, its successors or assigns, and that We will, at the cost and expense of the said ST. JUDE CHILDREN'S RESEARCH HOSPITAL, fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of his or her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 8/25/09

 L.S.
Jie Zheng

Date: _____

_____ L.S.
Jufang Shan