Form PTO-1595 (Rev. 12-08) OMB No. 0651-0027 (experit/31/2009) 01 - 27	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
JAN 1 9 2009 &	
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To the Director of the U.S. Patentian 10354	
1. Name of conveying party(ies) WAYNE FORREST PATTON	2. Name and address of receiving party(ies)
PRAVEEN PANDE YUEJUN XIANG	Name: ENZO LIFE SCIENCES, INC. C/O ENZO BIOCHEM, INC.
ZAIGUO LI	Internal Address:
JAMES J. DONEGAN AND ELAZAR RABBANI Additional name(s) of conveying party(ies) attached? Yes X No	
3. Nature of conveyance/Execution Date(s):	Street Address: 527 MADISON AVENUE, 9TH FLOOR
Execution Date(s) JANUARY 8, 2009	
Assignment Merger	
Security Agreement Change of Name	City: NEW YORK
Joint Research Agreement	State:NEW YORK
Government Interest Assignment	Country: USA Zip:10022
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? Tyes X No
	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
12/231,988	
Additional numbers at	tached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Nameronald c. Fedus, esq.	
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
internal Address.	Authorized to be oberged to deposit ecosure
Charles 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	81/26/2009 DBYRNE 00000016 051135 1223198
State: NEW YORK Zip 10022	01 FC:8021 40.00 DA
Phone Number 212-583-0100	Deposit Account Number _05-1135
Fax Number: 212-583-0150	
Email Address:	Authorized User Name RONLAD C. FEDUS
9. Signature:	JAN 19 2009
Signature	Date
BONNID & FEDURES	Total number of pages including gaves
RONALD C. FEDUS ESQ.  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

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

ATTORNEY DOCKET NO.: Enz-81

## ASSIGNMENT

WHEREAS, WE, Wayne F. Patton, residing at 65 Arbor Lane, Dix Hills, NY 11746; Praveen Pande, residing at 1538 Mae Avenue, Holbrook, NY 11741; Yuejun Xiang, residing at 216-10 77<sup>th</sup> Avenue, Bayside, NY 11364; Zaiguo Li, residing at 57-26 163<sup>rd</sup> Street, Fresh Meadows, NY 11365; James J. Donegan, 210 East Broadway, Apartment 4E, Long Beach, NY 11561; and Elazar Rabbani, 69 Fifth Avenue, New York, NY 10003, have invented certain new and useful improvements in and to the subject matter of:

## FLUOROCHROMES FOR ORGANELLE TRACING AND MULTI-COLOR IMAGING

described in an application for United States Letters Patent filed on September 8, 2008, and accorded Application Serial No. 12/231,998;

AND, WHEREAS, Enzo Life Sciences, 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;

Wayne F. Patton et al. Serial No. 12/231,988 Filed: September 8, 2008 Assignment – Page 2

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 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.	
12/24 (08) Date	Whyne F. Patton
WITNESS:	
12 24 08 Date WITNESS:	Praveen Pande
1/6/2009 Date WITNESS:	The Jun Xung Yuejun Xiang
Date WITNESS:	Zaiguo Li

Wayne F. Patton et al. Serial No. 12/231,988 Filed: September 8, 2008 Assignment – Page 3

Date Date

James J. Donegan

WITNESS:

amanda Lu

12/23/08

WITNESS:

Elazar Rabbani

RECORDED: 01/19/2009