

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT PURSUANT
TO SECTION 13 OR 15(D) OF THE
SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): November 2, 2012

Enzo Biochem, Inc.

(Exact Name of Registrant as Specified in Its Charter)

New York

(State or Other Jurisdiction of Incorporation)

001-09974

(Commission File Number)

13-2866202

(IRS Employer Identification No.)

**527 Madison Avenue
New York, New York**

(Address of Principal Executive Offices)

10022

(Zip Code)

(212) 583-0100

(Registrant's Telephone Number, Including Area Code)

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 8.01. Other Events.

On November 2, 2012, Enzo Biochem, Inc. (the “Company”) issued a press release reporting that a jury declared that Life Technologies infringed on the Company’s patents and awarded the Company \$48.6 million in direct infringement penalties. A copy of the press release, which is attached as Exhibit 99.1 to this Current Report, is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release of Enzo Biochem, Inc., dated November 2, 2012

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ENZO BIOCHEM, INC.

Date: November 2, 2012

By: /s/ Barry W. Weiner
Barry W. Weiner
President

EXHIBIT INDEX

Exhibit No.

Description

99.1

Press Release of Enzo Biochem, Inc., dated November 2, 2012

**news
release**

Enzo Biochem, Inc.
527 Madison Avenue
New York, NY 10022

FOR IMMEDIATE RELEASE**ENZO BIOCHEM REPORTS JURY DECLARES LIFE TECHNOLOGIES
INFRINGED COMPANY PATENTS AND AWARDS ENZO \$48.6 MILLION****COURT TO DECIDE ADDITIONAL PRE-JUDGMENT AWARD**

NEW YORK, NY, November 2, 2012 – Enzo Biochem Inc. (NYSE:ENZ) reported yesterday that the jury in the Enzo action entitled Enzo Biochem, Inc. et al. vs. Applera Corp. and Tropix Inc. in New Haven, CT Civil Action No. 3:04cv929 (JBA), has rendered its verdict that Applera Corp., now Life Technologies, Inc. (NASDAQ:LIFE), infringed Enzo’s patents covering pioneering technologies relating to compounds used in DNA sequencing systems to read the genetic code. The jury awarded \$48.6 million in direct infringement penalties. In addition, a pre-judgment (interest) award will be awarded by the Court. Attorneys for Enzo estimate that the addition of the pre-judgment award should add additional recoveries of up to tens of millions of dollars. The jury also found that Life Technologies’ sequencing instruments induced its customers to infringe Enzo’s patent No. 5,449,767. The sales of such instruments are estimated to be \$770 million. Enzo plans to seek damages based on the jury decision that the sale of Life Technologies’ sequencing instruments induced infringement of Enzo patents. Yale University was also a plaintiff.

Enzo expects that today’s decision will have a positive impact on the resolution of pending actions that Enzo brought in the U.S. Southern District Court in New York City, which involve additional defendants, patents and contract issues. Defendants in those suits include Amersham PLC, Amersham Biosciences, Roche Diagnostics, PerkinElmer, Inc., PerkinElmer Life Sciences, Inc, Molecular Probes, Inc.(now owned by Life Technologies), Orchid Cellmark, Inc. (now owned by Laboratory Corporation of America) and Affymetrix, Inc.

“We are obviously very gratified and pleased with the jury’s decision,” said Elazar Rabbani, Ph.D., Chairman and CEO of Enzo. “The technologies subject to the litigation helped pave the way for major developments in important areas in biological science and medicine. The case has taken eight years, but we have finally prevailed. It is a vindication of the investments we have made in developing and protecting our intellectual property.”

The trial resulted from a lawsuit initially filed by Enzo in June 2004, in the United States District Court for the District of Connecticut against Applera Corporation and its subsidiary Tropix Inc. charging them not only with patent infringement, but also with providing others with unauthorized and prohibited access to the patented products and technologies.

The inventions described in the patents cover compositions and methods for detecting and reading genetic materials. The applications for these inventions are diverse, ranging from detecting pathogens and human diseases, such as cancer, to decoding and analyzing the human genome.

About Enzo Biochem

Enzo Biochem is a pioneer in molecular diagnostics, leading the convergence of clinical laboratories, life sciences and therapeutics through the development of unique diagnostic platform technologies that provide numerous advantages over previous standards. A global company, Enzo Biochem utilizes cross-functional teams to develop and deploy products systems and services that meet the ever-changing and rapidly growing needs of health care both today and into the future. Underpinning Enzo Biochem's products and technologies is a broad and deep intellectual property portfolio, with patent coverage across a number of key enabling technologies.

Except for historical information, the matters discussed in this news release may be considered "forward-looking" statements within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include declarations regarding the intent, belief or current expectations of the Company and its management, including those related to cash flow, gross margins, revenues, and expenses are dependent on a number of factors outside of the control of the company including, inter alia, the markets for the Company's products and services, costs of goods and services, other expenses, government regulations, litigations, and general business conditions. See Risk Factors in the Company's Form 10-K for the fiscal year ended July 31, 2012. Investors are cautioned that any such forward-looking statements are not guarantees of future performance and involve a number of risks and uncertainties that could materially affect actual results. The Company disclaims any obligations to update any forward-looking statement as a result of developments occurring after the date of this press release.

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