

RECEIVED  
CENTRAL FAX CENTER  
NOV 08 2005  
RESPONSE UNDER 37 C.F.R. §1.116  
EXPEDITED PROCEDURE  
GROUP ART UNIT 1631

Attorney Docket No.: Enz-7(P)(C3)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Jannis Stavrianopoulos et al.

Serial No.: 08/486,070 Group Art Unit: 1631

Filed: June 7, 1995 Primary Exam'r: John S. Brusca

For: **NUCLEIC ACIDS FIXED OR IMMOBILIZED TO NON-POROUS SOLID SUPPORT, AND SYSTEM, ARRAY AND NON-POROUS GLASS OR PLASTIC SOLID SUPPORT COMPRISING SUCH FIXED OR IMMOBILIZED NUCLEIC ACIDS**

Confirmation No.:

***CERTIFICATE OF FACSIMILE TRANSMISSION***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached correspondence (total of 52 pages including this sheet) comprising:

Supplemental Amendment To Applicants' November 2, 2005  
Amendment Under 37 C.F.R. 51.116  
(including Exhibits A, B & C)

was sent to the United States Patent and Trademark Office by telefax to (571) 273-8300.

Respectfully submitted,



Ronald C. Fedus, Reg. No. 32,567  
Natalie Bogdanos, Reg. No. 51,480  
Attorneys for Applicants  
Enzo Life Sciences, Inc.  
c/o Enzo Biochem, Inc.  
527 Madison Avenue, 9th Floor  
New York, NY 10022-4304  
Telephone (212) 583-0100  
Facsimile (212) 583-0150


Date: November 8, 2005

Enz-7(P)(C3)



Stavrianopoulos et al., U.S. Pat. Appl. Ser. No. 08/486,070 (Filed June 7, 1995)  
Page 2 [Supplemental Amendment To Applicants' November 2, 2005  
Amendment Under 37 C.F.R. §1.116]  
-- November 8, 2005]

---

CERTIFICATE OF TRANSMISSION	
I hereby certify that this paper (Supplemental Amendment To Applicants' November 2, 2005 Amendment Under 37 C.F.R. §1.116 (along with any documents referred to as attached or enclosed) is being facsimile transmitted to the United States Patent and Trademarks (Fax No. 571-273-8300) on November 8, 2005.	
Nov 8 2005	
Date	Ronald C. Fedus Reg. No. 32,567

---

Amendments to the Specification and a New Abstract Of The Disclosure are requested as reflected in Exhibits A and C accompanying this paper.

Remarks begin on page 42 of this paper.

Enz-7(P)(C3)

Stavrianopoulos et al., U.S. Pat. Appl. Ser. No. 08/486,070 (Filed June 7, 1995)  
Page 3 [Supplemental Amendment To Applicants' November 2, 2005  
Amendment Under 37 C.F.R. §1.116]  
-- November 8, 2005]

**New Title of the Invention:**

Please change the title to:

-- SYSTEM, ARRAY AND NON-POROUS SOLID SUPPORT COMPRISING  
FIXED OR IMMOBILIZED NUCLEIC ACIDS -- .

**Amendments to the Specification:**

Replace page 1 of the specification with new Page 1 provided as Exhibit A to this paper.<sup>1</sup> A marked-up version of Page 1 is also provided as Exhibit A.

**New Abstract Of The Disclosure:**

Replace the former Abstract with the new Abstract Of The Disclosure provided as Exhibit C to this paper.

**Amendments to the Claims:** This listing of the claims below will replace all prior versions and listing of claims in this application.<sup>2</sup>

**Listing of Claims:**

Claims 1-3143 (Canceled).

---

<sup>1</sup> An identical claim for priority was made in Applicants' March 7, 2001 Amendment Under 37 C.F.R. §1.115 (see page 2 of that paper, copy provided as Exhibit B).

<sup>2</sup> No claims are being amended, canceled or added by this paper.

Enz-7(P)(C3)

Stavrianopoulos et al., U.S. Pat. Appl. Ser. No. 08/486,070 (Filed June 7, 1995)  
Page 4 [Supplemental Amendment To Applicants' November 2, 2005  
Amendment Under 37 C.F.R. §1.116]  
-- November 8, 2005]

**Claim 3144. (Previously Presented)** A non-porous solid support comprising one or more amine(s), hydroxyl(s) or epoxide(s) thereon, wherein at least one single-stranded nucleic acid is fixed or immobilized in hybridizable form to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s).

**Claim 3145. (Previously Presented)** A non-porous solid support comprising one or more amine(s), hydroxyl(s) or epoxide(s) thereon, wherein at least one double-stranded nucleic acid is fixed or immobilized to said non-porous solid support via said one or more amine(s), hydroxyl(s) or epoxide(s), and wherein one nucleic acid strand of said at least one double-stranded nucleic acid has covalently attached thereto either:

- (i) a non-radioactive signaling moiety, or
- (ii) a non-radioactive bridging moiety covalently or non-covalently attached to a non-radioactive signaling moiety.

**Claim 3146. (Previously Presented)** The non-porous solid support of claims 3144, 3145, 3287, 3324 or 3325, wherein said non-porous solid support comprises glass or plastic.

**Claim 3147. (Previously Presented)** The non-porous solid support of claims 3144, 3145, 3287, 3324 or 3325, wherein said non-porous solid support comprises a plate or plates, a well or wells, a microtiter well or microtiter wells, a depression or depressions, a tube or tubes, or a cuvette or cuvettes.

**Claims 3148-3149. (Canceled).**

**Claim 3150. (Previously Presented)** The non-porous solid support of claim 3287 or 3325, comprising one or more amines.

**Enz-7(P)(C3)**

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.