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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. §1.116
(Including Exhibits A, B & C)

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

Respectfully submitted,



Date: November 8, 2005

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

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Applicant(s):	Stavrianopoulos, <i>et al.</i>)	
Serial No.:	08/486,070)	Group Art Unit: 1631
Filed:	June 7, 1995)	Primary Examiner: 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)	

527 Madison Avenue, 9th Floor
New York, NY 10022-4304
November 8, 2005

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SUPPLEMENTAL AMENDMENT TO APPLICANTS' NOVEMBER 2, 2005
AMENDMENT UNDER 37 C.F.R. §1.116

Dear Sirs:

This paper (Supplemental Amendment) follows Applicants' November 2, 2005 Amendment Under 37 C.F.R. §1.116, the latter having been filed in response to the Office Action mailed on September 29, 2005 in connection with the above-identified application. Their November 2, 2005 Amendment Under 37 C.F.R. §1.116 was timely filed. This paper (Supplemental Amendment) is also being timely filed with no extension request or fee being due.

Enz-7(P)(C3)

NOV. 8. 2005 4:52PM

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NO. 7160 P. 3

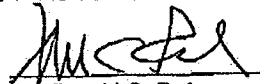
Stavrianopoulos et al., U.S. Pat. Appl. Ser. No. 08/486,070 (Filed June 7, 1995)
Page 2 [Supplemental Amendment To Applicants' November 2, 2005
Amendment Under 37 C.F.R. §1.116]
-- November 8, 2005]

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)

PAGE 3/52 * RCVD AT 11/8/2005 4:50:40 PM [Eastern Standard Time] * SVR:USPTO-EFXXRF-6/27 * DNIS:2738300 * CSID:2125830150 * DURATION (mm-ss):10-12

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.¹ 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.²

Listing of Claims:

Claims 1-3143 (Canceled).

¹ 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).

² No claims are being amended, canceled or added by this paper.

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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
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-- 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.

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