

Lamadrid David  
Form 4  
September 09, 2011

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

Check this box  
if no longer  
subject to  
Section 16.  
Form 4 or  
Form 5  
obligations  
may continue.  
See Instruction  
1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF  
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

## OMB APPROVAL

OMB  
Number: 3235-0287  
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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Lamadrid David

(Last) (First) (Middle)

C/O CYTOSORBENTS CORP., 7  
DEER PARK DRIVE, SUITE K

(Street)

MONMOUTH  
JUNCTION, NJ 08852

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
Cytosorbents Corp [CTSO]

3. Date of Earliest Transaction  
(Month/Day/Year)  
09/06/2011

4. If Amendment, Date Original  
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_X\_\_ Officer (give title \_\_\_\_ Other (specify  
below) below)

Chief Financial Officer

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_X\_\_ Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting  
Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired<br>or Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
| Common<br>Stock                       | 09/06/2011                              | 09/06/2011                                                  | S                                    | (A)<br>or<br>(D)<br>D                                               | 12,500<br>(1)<br>\$<br>0.215                                                                                       | 7,837,500 (2)                                                        | D                                                                 |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of  
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SEC 1474  
(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

## Edgar Filing: Lamadrid David - Form 4

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) | 8. Filing<br>Date<br>(Instr. 3 and 4) |                                     |
|-----------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------|-------------------------------------|
|                                                     |                                                                    |                                         |                                                             | Code                                 | V (A) (D)                                                                                                    | Date<br>Exercisable                                            | Expiration<br>Date                                                  | Title                                 | Amount<br>or<br>Number<br>of Shares |
| Stock<br>Option                                     | \$ 0.035                                                           | 09/06/2011                              | 09/06/2011                                                  | M                                    | 12,500                                                                                                       | 09/06/2011                                                     | <u>(3)</u>                                                          | Common<br>Stock                       | 12,500                              |

## Reporting Owners

| Reporting Owner Name / Address                                                                        | Relationships                    |
|-------------------------------------------------------------------------------------------------------|----------------------------------|
|                                                                                                       | Director 10% Owner Officer Other |
| Lamadrid David<br>C/O CYTOSORBENTS CORP.<br>7 DEER PARK DRIVE, SUITE K<br>MONMOUTH JUNCTION, NJ 08852 | Chief Financial Officer          |

## Signatures

/s/ David  
Lamadrid  
09/09/2011  
Date

\*\*Signature of  
Reporting Person

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) The shares of common stock were sold by Mr. Lamadrid pursuant to a 10b5-1 trading plan, adopted by the reporting person on June 8, 2011.

In addition to the currently outstanding shares of common stock owned by Mr. Lamadrid and reported here, Mr. Lamadrid also beneficially owns the shares of common stock underlying the following stock options: options to purchase 150,000 shares of common stock at \$1.90 per share; options to purchase 1,400,000 shares of common stock at \$0.25 per share; options to purchase 400,000 shares of common stock at \$0.173 per share; options to purchase 400,000 shares of common stock at \$0.168 per share, options to purchase 2,750,000 shares of common stock at \$0.138 per share; and options to purchase 2,737,500 shares of common stock at \$0.035 per share.

(3) N/A

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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