

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Deliargyris Efthymios</u>	2. Issuer Name and Ticker or Trading Symbol <u>Cytosorbents Corp [ CTSO ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Medical Officer</u>
(Last) (First) (Middle) <u>C/O CYTOSORBENTS CORPORATION</u> <u>305 COLLEGE ROAD EAST</u>	3. Date of Earliest Transaction (Month/Day/Year) <u>12/13/2023</u>	
(Street) <u>PRINCETON NJ 08540</u>	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)  <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
(City) (State) (Zip)	Rule 10b5-1(c) Transaction Indication  <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.	

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/13/2023		P	Amount (A) or (D) Price 22,557 <sup>(1)</sup> A \$1.33 <sup>(1)</sup>	348,433 <sup>(2)(3)(4)(5)</sup>	D	

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code V	(A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares				
Common Stock Warrant (Right to Buy)	\$2	12/13/2023		P <sup>(1)</sup>	7,894	12/13/2023 12/13/2028	Common Stock 7,894	(1)	7,894	D	

Explanation of Responses:

1. These securities were purchased by the reporting person in the registered direct offering of CytoSorbents Corporation (the "Company"), which closed on December 13, 2023. In the offering, each share of common stock, par value \$0.001 per share (the "Common Stock") of the Company was purchased together with an accompanying warrant to purchase up to 0.35 shares of Common Stock, at a combined offering price of \$1.33 per share of Common Stock and accompanying warrant.
2. Includes: (i) the following restricted stock units ("RSUs") (which vest as to two-thirds of the award on the first anniversary of the date of grant and one-third of the award on the second anniversary of the date of grant, subject to the reporting person's continued service as of the applicable vesting date) that will settle into shares of Common Stock upon vesting: 55,000 RSUs granted on July 7, 2023 and unvested as of the date hereof;
3. (continued from footnote 2) (ii) the following RSUs that will be settled into Common Stock upon vesting upon a "Change In Control" of the Company as defined in the Amended and Restated CytoSorbents Corporation 2014 Long-Term Incentive Plan (the "Plan"): (a) 120,000 RSUs granted on April 9, 2020 and (b) 55,000 RSUs granted on August 10, 2022;
4. (continued from footnote 3) (iii) the following RSUs that will settle into Common Stock upon vesting: (a) 20,000 RSUs granted on April 9, 2020 and unvested on the date hereof (which cliff vest on the fourth anniversary of the grant date, subject to the reporting person's continued service as of the applicable vesting date) and (b) 17,334 RSUs granted on August 10, 2022 and unvested on the date hereof (which vest as to one-third of the award on each of the date of grant, the first anniversary of the date of grant, and the second anniversary of the date of grant, subject to the reporting person's continued service as of the applicable vesting date); and
5. (continued from footnote 4) (iv) 81,099 shares of Common Stock owned by the reporting person.

/s/ Kathleen P. Bloch attorney-  
in-fact for Efthymios 12/15/2023  
Deliargyris  
\*\* Signature of Reporting Person Date

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

\* 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).

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.