

☐ 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

OMB APPROVAL

OMB Number: 3235-0287

Estimated average burden hours per response: 0.5

1. Name and Address of Reporting Person* <u>BLOCH KATHLEEN P.</u>  (Last) (First) (Middle) <u>C/O CYTOSORBENTS CORPORATION</u> <u>305 COLLEGE ROAD EAST</u>  (Street) <u>PRINCETON NJ 08540</u>  (City) (State) (Zip)	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 Financial Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/13/2023</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	
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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	12/13/2023		P		37,594 <sup>(1)</sup>	A	\$1.33 <sup>(1)</sup>	467,941 <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					
Common Stock Warrant (Right to Buy)	\$2	12/13/2023		P <sup>(1)</sup>		13,157		12/13/2023	12/13/2028	Common Stock 13,157	<sup>(1)</sup>	13,157	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 10,000 RSUs on the first anniversary of the date of grant, and 10,000 RSUs on the second anniversary of the date of grant, subject to the reporting person's continued service as of the applicable vesting date), and will be settled into Common Stock upon vesting: 20,000 RSUs granted on September 18, 2023;
3. (continued from footnote 2) (ii) the following RSUs that will be settled into Common Stock upon a "Change In Control" of the Company, as defined in the Amended and Restated CytoSorbents Corporation 2014 Long-Term Incentive Plan: (a) 8,800 RSUs granted on March 15, 2018, (b) 15,700 RSUs granted on February 24, 2017, (c) 47,000 RSUs granted on June 7, 2016 and (d) 110,000 RSUs granted on April 8, 2015;
4. (continued from footnote 3) (iii) the following RSUs (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 will be settled into Common Stock upon vesting: 18,500 RSUs granted on August 10, 2022; and
5. (continued from footnote 4) (iv) 247,941 shares of Common Stock owned by the reporting person.

/s/ Kathleen P. Bloch12/15/2023

\*\* Signature of Reporting PersonDate

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.