

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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>Esfandiari Javan</u> (Last) (First) (Middle) <u>3661 HORSEBLOCK ROAD</u> (Street) <u>MEDFORD</u> <u>NY</u> <u>11763</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CHEMBIO DIAGNOSTICS, INC.</u> [<u>CEMI</u>]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner Officer (give title below) Other (specify below) <u>Senior Vice President</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/07/2009</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	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 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			

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				
Options (right to buy)	\$0.48	05/07/2009		D			50,000	(2)	05/17/2010	Common Stock	50,000	(1)	0	D	
Options (right to buy)	\$0.48	05/07/2009		D			37,500	(3)	03/24/2011	Common Stock	37,500	(1)	0	D	
Options (right to buy)	\$0.48	05/07/2009		D			35,000	(4)	05/04/2011	Common Stock	35,000	(1)	0	D	
Options (right to buy)	\$0.48	05/07/2009		D			75,000	(5)	05/28/2011	Common Stock	75,000	(1)	0	D	
Options (right to buy)	\$0.48	05/07/2009		D			300,000	(6)	04/23/2012	Common Stock	300,000	(1)	0	D	
Options (right to buy)	\$0.13	05/07/2009		A		50,000		(2)	05/17/2010	Common Stock	50,000	\$0.13	50,000	D	
Options (right to buy)	\$0.13	05/07/2009		A		37,500		(3)	03/24/2011	Common Stock	37,500	\$0.13	37,500	D	
Options (right to buy)	\$0.13	05/07/2009		A		35,000		(4)	05/04/2011 ⁽⁴⁾	Common Stock	35,000	\$0.13	37,500	D	
Options (right to buy)	\$0.13	05/07/2009		A		75,000		(5)	05/28/2011	Common Stock	75,000	\$0.13	75,000	D	
Options (right to buy)	\$0.13	05/07/2009		A		300,000		(6)	04/23/2012	Common Stock	300,000	\$0.13	300,000	D	
Options (right to buy)	\$0.13	05/07/2009		A		300,000		(7)	05/07/2014	Common Stock	300,000	\$0.13	300,000	D	

Explanation of Responses:

- 1. The reporting person agreed to cancellation of an option granted to him in exchange for a new option having a lower price.
- 2. 25,000 options vested on each of 04/17/06 and 1/1/07
- 3. 18,750 options vested on each of 3/24/06 and 01/01/07
- 4. 30,000 options vested on 05/5/04 and 5,000 options vested on 4/17/06
- 5. 25,000 options vested on each of 04/17/06, 05/28/06 and 05/28/07
- 6. 100,000 options vested on each of 04/23/07, 03/15/08, 03/05/09
- 7. 100,000 options vest on each of 05/07/10, 05/07/11, and 05/07/12

Remarks:

/s/ Javan Esfandiari11/03/2009

** 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.