

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>			2. Issuer Name and Ticker or Trading Symbol <u>CHEMBIO DIAGNOSTICS, INC. [CEMI]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title below) Other (specify below) <u>Senior Vice President</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>03/14/2011</u>			6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person		
<u>3661 HORSEBLOCK ROAD</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street)								
<u>MEDFORD</u>	<u>NY</u>	<u>11763</u>						
(City)	(State)	(Zip)						

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	03/14/2011		S		8,982	D	\$0.4147	261,091	D	
Common Stock	03/15/2011		S		41,018	D	\$0.3937	220,073	D	
Common Stock	03/16/2011		X		147,500	A	\$0.13	367,573	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		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Options to Purchase Common Stock	\$0.13	03/16/2011		X		18,750	03/24/2006	03/24/2011	Common Stock	18,750	\$0	0	D	
Options to Purchase Common Stock	\$0.13	03/16/2011		X		18,750	01/01/2007	03/24/2011	Common Stock	18,750	\$0	0	D	
Options to Purchase Common Stock	\$0.13	03/16/2011		X		30,000	05/05/2004	05/04/2011	Common Stock	30,000	\$0	0	D	
Options to Purchase Common Stock	\$0.13	03/16/2011		X		5,000	04/17/2006	05/04/2011	Common Stock	5,000	\$0	0	D	
Options to Purchase Common Stock	\$0.13	03/16/2011		X		25,000	05/28/2007	05/28/2011	Common Stock	25,000	\$0	0	D	
Options to Purchase Common Stock	\$0.13	03/16/2011		X		25,000	05/28/2006	05/28/2011	Common Stock	25,000	\$0	0	D	
Options to Purchase Common Stock	\$0.13	03/16/2011		X		25,000	04/17/2006	05/28/2011	Common Stock	25,000	\$0	0	D	

Explanation of Responses:

Remarks:

/s/ Javan Esfandiari

03/16/2011

** 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.

