

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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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* | | | 2. Issuer Name and Ticker or Trading Symbol | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | |
| <u>Davis Katherine Lyon</u> | | | <u>CHEMBIO DIAGNOSTICS, INC.</u> [<u>CEMI</u>] | | <input checked="" type="checkbox"/> Director 10% Owner | |
| (Last) (First) (Middle) | | | 3. Date of Earliest Transaction (Month/Day/Year) | | Officer (give title below) Other (specify below) | |
| <u>3661 HORSEBLOCK ROAD</u> | | | <u>05/27/2014</u> | | | |
| (Street) | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | 6. Individual or Joint/Group Filing (Check Applicable Line) | |
| <u>MEDFORD NY 11763</u> | | | | | <input checked="" type="checkbox"/> Form filed by One Reporting Person | |
| (City) (State) (Zip) | | | | | 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 | | | |
| Common Stock | 05/27/2014 | | X | | 46,875 | A | \$1.04 | 58,296 | 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 | | | | |
| Options to purchase | \$1.04 | 05/27/2014 | | X | | | 9,375 | 06/03/2009 | 06/03/2014 | Common Stock | 9,375 | \$0 | 0 | D | |
| Options to purchase | \$1.04 | 05/27/2014 | | X | | | 9,375 | 06/03/2010 | 06/03/2014 | Common Stock | 9,375 | \$0 | 0 | D | |
| Options to purchase | \$1.04 | 05/27/2014 | | X | | | 9,375 | 06/03/2011 | 06/03/2014 | Common Stock | 9,375 | \$0 | 0 | D | |
| Options to purchase | \$1.04 | 05/27/2014 | | X | | | 9,375 | 06/03/2012 | 06/03/2014 | Common Stock | 9,375 | \$0 | 0 | D | |
| Options to purchase | \$1.04 | 05/27/2014 | | X | | | 9,375 | 06/03/2013 | 06/03/2014 | Common Stock | 9,375 | \$0 | 0 | D | |

Explanation of Responses:

Remarks:

/s/ Katherine L. Davis 05/27/2014
** 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.