

Hagedorn Thomas M.
Form SC 13G/A
February 13, 2012

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 1)*

Electromed, Inc.
(Name of Issuer)

Common Stock
(Title of Class of Securities)

285409 108
(CUSIP Number)

December 31, 2011
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13G

CUSIP No. 285409 108 Page 2 of 5 Pages

1 NAMES OF REPORTING PERSONS

Thomas M. Hagedorn

(a)

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)*

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

USA

NUMBER OF 5 SOLE VOTING POWER

864,250

SHARES 6 SHARED VOTING POWER

0

BENEFICIALLY 7 SOLE DISPOSITIVE POWER

OWNED BY

EACH

REPORTING 864,250

PERSON

WITH

8 SHARED DISPOSITIVE POWER

0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

864,250

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

10.6% (1)

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IN

(1) The percentage is based upon 8,101,085 shares of common stock outstanding as of November 8, 2011, as reported by the Issuer in its latest Quarterly Report on Form 10-Q, as filed with the Securities and Exchange Commission on November 10, 2011.

Item 1(a) Name of Issuer:

Electromed, Inc.

Item 1(b) Address of Issuer's Principal Executive Offices:

500 Sixth Avenue NW
New Prague, MN 56071

Item 2(a) Name of Person Filing:

Thomas M. Hagedorn

Item 2(b) Address of Principal Business Office or, if None, Residence:

5985 Columbia Pike #200
Falls Church, VA 22041

Item 2(c) Citizenship:

USA

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

285409 108

Item 3 If this statement is filed pursuant to §§ 240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under Section 15 of the Act.
- (b) Bank as defined in Section 3(a)(6) of the Act.
- (c) Insurance company as defined in Section 3(a)(19) of the Act.
- (d) Investment company registered under Section 8 of the Investment Company Act of 1940.
- (e) An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E).
- (f) An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F).
- (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G).
- (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.
- (j) A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J);
- (k) Group, in accordance with § 240.13d-1(b)(1)(ii)(K).

If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

Item
4 **Ownership**

See Cover Page, Items 5 through 11.

Item
5 **Ownership of Five Percent or Less of a Class:**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

Item
6 **Ownership of More than Five Percent on Behalf of Another Person:**

None

Item
7 **Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company:**

None

Item
8 **Identification and Classification of Members of the Group:**

None

Item
9 **Notice of Dissolution of Group:**

None

Item
10 **Certifications:**

Not applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 13, 2012

/s/ Thomas M. Hagedorn
Thomas M. Hagedorn