Henry Patrick C Form 5 February 25, 2009

OMB APPROVAL FORM 5

OMB 3235-0362

Number:

Check this box if no longer subject to Section 16.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

January 31, Expires: 2005 Estimated average

Form 4 or Form 5 obligations may continue. See Instruction

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

burden hours per response... 1.0

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940

Transactions Reported

Form 4

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Henry Patrick C Symbol **ENTROPIC COMMUNICATIONS** (Check all applicable) INC [ENTR] (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) _X_ Director 10% Owner _X__ Officer (give title Other (specify (Month/Day/Year) below) below) 12/31/2008 CEO & Chairman of the Board 6290 SEQUENCE DRIVE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line)

SAN DIEGO, CAÂ 92121

(State)

(Zin)

(City)

X Form Filed by One Reporting Person Form Filed by More than One Reporting Person

| (City) | (State) | Table 1 - 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) (A) or | | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| Common Stock | 11/24/2008 | Â | G | Amount 25,000 | (D) | Price | 1,194,096 | I | by Trust | |
| Common Stock | Â | Â | Â | Â | Â | Â | 5,000 | D | Â | |
| Common Stock | Â | Â | Â | Â | Â | Â | 153,846 | I | '07 Patrick Trust (1) | |
| Common Stock | Â | Â | Â | Â | Â | Â | 153,846 | I | '07 Wendy Trust (2) | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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 control number.

SEC 2270 (9-02)

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 A Underlying Se (Instr. 3 and 4 |
|---|---|---|---|---|---|-----|--|--------------------|--|
| | | | | | (A) | (D) | Date Exercisable | Expiration Date | Title |
| Incentive Stock Option (right to buy) | \$ 0.325 | 09/12/2003 | Â | A | 187,020 | Â | (3) | 09/12/2013 | Common Stock |
| Incentive Stock Option (right to buy) | \$ 1.495 | 05/17/2007 | Â | A | 66,889 | Â | (4) | 05/17/2017 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 0.325 | 09/12/2003 | Â | A | 10,419 | Â | (3) | 09/12/2013 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 0.4284 | 01/30/2004 | Â | A | 4,672 | Â | (5) | 01/30/2014 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 1.495 | 05/17/2007 | Â | A | 240,802 | Â | (4) | 05/17/2017 | Common Stock |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|---|---------------|-----------|-----------------------------|-------|--|--|
| 1 8 | Director | 10% Owner | Officer | Other | | |
| Henry Patrick C 6290 SEQUENCE DRIVE SAN DIEGO, CA 92121 | ÂX | Â | CEO & Chairman of the Board | Â | | |

Signatures

By: Lance W. Bridges attorney-in-fact For: Patrick Henry 02/25/2009

**Signature of Reporting Person Date

Reporting Owners 2

Explanation of Responses:

- * 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).
- (1) The shares are held by the Wendy A. Henry and Patrick C. Henry, Trustees of the Patrick C. Henry 2007 Annuity Trust, of which the Reporting Person holds a pecuniary interest in the annuity provided for in the trust agreement.
- (2) The shares are held by the Wendy A. Henry and Patrick C. Henry, Trustees of the Wendy A. Henry 2007 Annuity Trust, of which the Reporting Person holds a pecuniary interest in the annuity provided for in the trust agreement.
- 1/4th of the shares vest one year after the Vesting Commencement Date beginning 9/2/03. 1/48th of the shares vest monthly thereafter over the next three years. The options may be early exercised prior to vesting but any exercised and unvested shares are subject to a right of repurchase on behalf of the Issuer.
- 1/4th of the shares vest one year after the Vesting Commencement Date beginning 5/17/07. 1/48th of the shares vest monthly thereafter over the next three years. Additionally, grant is subject to accelerated vesting on the terms and conditions set forth in such individual's Change of Control Agreement. The options may be early exercised prior to vesting but any exercised and unvested shares are subject to a right of repurchase on behalf of the Issuer.
- 1/4th of the shares vest one year after the Vesting Commencement Date beginning 1/30/04. 1/48th of the shares vest monthly thereafter over the next three years. The options may be early exercised prior to vesting but any exercised and unvested shares are subject to a right of repurchase on behalf of the Issuer.

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Remarks:

The reporting persons end of period holdings includes 2,500 shares purchased on October 31, 2008Â Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.