ATHEROS COMMUNICATIONS INC

Form 4

January 11, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

| (Time of Type Ke | esponses) | | | | | |
|--|-----------|--|---|--|--|--|
| 1. Name and Address of Reporting Person * BAHR RICHARD G | | | 2. Issuer Name and Ticker or Trading Symbol ATHEROS COMMUNICATIONS INC [ATHR] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | |
| | | | 3. Date of Earliest Transaction (Month/Day/Year) 01/10/2007 | Director 10% Owner _X Officer (give title Other (specify below) Vice President Engineering | | |
| (Street) SANTA CLARA,, CA 95054 | | | 4. If Amendment, Date 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 | | |
| (City) (State) (Zip) | | | Table I - Non-Derivative Securities Ac | quired, Disposed of, or Beneficially Owned | | |

| (City) | (State) | (Zip) Tab | le I - Non-l | Derivative | Secur | ities Acqui | red, Disposed of, | or Beneficial | y 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. Securit or Dispos (Instr. 3, 4 | ed of (| ` ′ | 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) |
| Common Stock | 01/10/2007 | | M | 116 | A | \$ 1.72 | 66,702 (1) | I | See Footnote (2) |
| Common Stock | 01/10/2007 | | M | 39,884 | A | \$ 9.333 | 106,586 | I | See Footnote (2) |
| Common Stock | 01/10/2007 | | S(3) | 300 | D | \$ 23.99 | 106,286 | I | See Footnote (2) |

| Common Stock | 01/10/2007 | S(3) | 100 | D | \$ 23.985 | 106,186 | I | See Footnote |
|-----------------|------------|------|-------|---|--------------|---------|---|------------------|
| Common Stock | 01/10/2007 | S(3) | 400 | D | \$ 23.97 | 105,786 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 32 | D | \$ 23.91 | 105,754 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 200 | D | \$ 23.88 | 105,554 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 600 | D | \$ 23.86 | 104,954 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 100 | D | \$ 23.85 | 104,854 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 400 | D | \$ 23.82 | 104,454 | I | See Footnote (2) |
| Common Stock | 01/10/2007 | S(3) | 1,000 | D | \$ 23.8 | 103,454 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 1,100 | D | \$ 23.79 | 102,354 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 3,450 | D | \$ 23.75 | 98,904 | I | See Footnote (2) |
| Common Stock | 01/10/2007 | S(3) | 350 | D | \$ 23.74 | 98,554 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 2,400 | D | \$ 23.73 | 96,154 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 700 | D | \$ 23.72 | 95,454 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 1,300 | D | \$ 23.71 | 94,154 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 4,500 | D | \$ 23.7 | 89,654 | I | See Footnote |

| | | | | | | | | (2) |
|-----------------|------------|------|-------|---|----------|--------|---|------------------|
| Common Stock | 01/10/2007 | S(3) | 100 | D | \$ 23.69 | 89,554 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 1,800 | D | \$ 23.68 | 87,754 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 800 | D | \$ 23.67 | 86,954 | I | See Footnote (2) |
| Common Stock | 01/10/2007 | S(3) | 1,500 | D | \$ 23.66 | 85,454 | I | See Footnote (2) |
| Common Stock | 01/10/2007 | S(3) | 968 | D | \$ 23.65 | 84,486 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 500 | D | \$ 23.64 | 83,986 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 1,544 | D | \$ 23.61 | 82,442 | I | See Footnote (2) |
| Common Stock | 01/10/2007 | S(3) | 2,156 | D | \$ 23.6 | 80,286 | I | See Footnote (2) |
| Common Stock | 01/10/2007 | S(3) | 1,000 | D | \$ 23.59 | 79,286 | I | See Footnote (2) |
| Common Stock | 01/10/2007 | S(3) | 1,525 | D | \$ 23.58 | 77,761 | I | See Footnote |
| Common Stock | 01/10/2007 | S(3) | 200 | D | \$ 23.57 | 77,561 | I | See Footnote (2) |
| Common Stock | 01/10/2007 | S(3) | 875 | D | \$ 23.55 | 76,686 | I | See Footnote |

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

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SEC 1474 (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. Transactic Code (Instr. 8) | 5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4, | | 7. Title and Amount Underlying Securitie (Instr. 3 and 4) | |
|---|---|---|---|--|---|--|--------------------|---|------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amou or Numb of Sha |
| Employee Stock Option (right to buy) | \$ 1.72 | 01/10/2007 | | M | 116 | 03/12/2003(4) | 03/12/2013 | Common Stock | 110 |
| Employee Stock Option (right to buy) | \$ 9.333 | 01/10/2007 | | M | 39,884 | 01/14/2004(5) | 01/14/2014 | Common Stock | 39,8 |

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

BAHR RICHARD G C/O ATHEROS COMMUNICATIONS, INC. 5480 GREAT AMERICA PARKWAY SANTA CLARA,, CA 95054

Vice President Engineering

Signatures

Bruce P. Johnson, Attorney-in-fact 01/11/2007

**Signature of Reporting Person Date

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) Includes 389 shares acquired in November 2006 pursuant to the 2004 Employee Stock Purchase Plan.
- (2) By the Bahr Family Trust
- (3) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- (4) All of the options became exercisable on 3/12/2003. The shares underlying the options are subject to the issuer's right of repurchase that lapses in 48 equal monthly installments beginning on 3/28/2003.

Reporting Owners 4

All of the options became exercisable on 1/14/2004. The shares underlying the options are subject to the issuer's right of repurchase that lapsed as to 25% of the shares on 1/14/2005, and lapses as to the remaining shares in 48 equal monthly installments beginning on 2/14/2005.

Remarks:

Remarks: Form 4 Filing 1 of 2 (continuation report): Related transactions effected by the Reporting Person on January 10, 20 Note: File three copies of this Form, one of which must be manually signed. If space 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.