Szilagyi Gary Form 4 October 09, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

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5. Relationship of Reporting Person(s) to

Issuer

Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIESFiled pursuant to Section 16(a) of the Securities Exchange Act of 1934,

2. Issuer Name and Ticker or Trading

obligations may continue. See Instruction

See Instruction

See Instruction

See Instruction

Output

Section 10(a) of the Section 10(a

Symbol

1(b).

Szilagyi Gary

(Print or Type Responses)

1. Name and Address of Reporting Person *

			ATHEROS COMMUNICATIONS INC [ATHR]				ONS	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction					Director		Owner	
C/O ATHEI	(Month/Day/Year) 10/08/2009					_X_ Officer (give title Other (specify below) Vice President Sales					
GREAT AMERICA PARKWAY (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check											
	(Sireet)	(Street) 4. If Amendm Filed(Month/D				1		6. Individual or Joint/Group Filing(Check Applicable Line)			
X Form filed by One Reporti											
SANTA CLARA,, CA 95054 — Form filed by More than One Reporting Person											
(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, any (Month/Day/Ye			Code (Instr. 3, 4 and 5)				5. Amount of Securities Beneficially Owned Following	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	Reported Transaction(s) (Instr. 3 and 4)			
Common Stock	10/08/2009			M	8,000	A	\$ 14.38	48,063	D		
Common Stock	10/08/2009			S <u>(1)</u>	8,000	D	\$ 26.33	40,063	D		
Common Stock								15,622 (3)	I	See Footnote	

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

(4)

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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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exer Expiration E (Month/Day	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (right to buy)	\$ 14.38	10/08/2009		M	8,000	<u>(2)</u>	01/18/2016	Common Stock	8,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Szilagyi Gary C/O ATHEROS COMMUNICATIONS, INC. 5480 GREAT AMERICA PARKWAY SANTA CLARA,, CA 95054

Vice President Sales

Signatures

Bruce P. Johnson, Attorney-in-fact

**Signature of Reporting Person Dat

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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- (2) 25% of the options became exercisable on 1/18/2007, and the remaining options become exercisable in 36 equal monthly installments beginning on 2/18/2007.
- (3) Includes 1,473 shares acquired in May 2009 pursuant to the 2004 Employee Stock Purchase Plan.

Reporting Owners 2

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(4) By the Szilagyi Family Revocable Trust

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.