Szilagyi Gary Form 4 October 14, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

2. Issuer Name and Ticker or Trading

OMB APPROVAL OMB

3235-0287 Number: January 31,

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Expires:

5. Relationship of Reporting Person(s) to

15,622

Ι

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

obligations

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 may continue. 30(h) of the Investment Company Act of 1940

1(b).

Common

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person *

See Instruction

Szilagyi Gary			Symbol ATHEROS COMMUNICATIONS INC [ATHR]					C	Issuer (Check all applicable)				
	, ,	(Month/2 10/14/2 IS, INC., 5480				ansaction			Director 10% Owner _X_ Officer (give title Other (specify below) Vice President Sales				
	(Street) 4. If A				If Amendment, Date Original					6. Individual or Joint/Group Filing(Check			
				iled(Month/Day/Year)					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 Acquired, Disposed of, or Beneficially Owned								ly Owned				
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	e 2A. Deeme Execution l any (Month/Da	Date, if	3. Transa Code (Instr.	8)	4. Securiti n(A) or Dis (Instr. 3, 4)	posed	of (D) Frice	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	10/14/2009			M		15,000	A	\$ 14.38	55,063	D			
Common Stock	10/14/2009			S <u>(1)</u>		15,000	D	\$ 28	40,063	D			
Common											See		

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

Footnote

(2)

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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 of Transactio Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Expiration I (Month/Day	6. Date Exercisable and Expiration Date (Month/Day/Year)		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	10/14/2009		M	15,00	00 (3)	01/18/2016	Common Stock	15,000	

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 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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- (2) By the Szilagyi Family Revocable Trust
- (3) 25% of the options became exercisable on 1/18/2007, and the remaining options become exercisable in 36 equal monthly installments commencing on 2/18/2007.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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