FAINTUCH AMIR

Form 4 May 04, 2011

FORM 4

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

OMB Number: 3235-0287

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

burden hours per response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * FAINTUCH AMIR			2. Issuer Name and Ticker or Trading Symbol ATHEROS COMMUNICATIONS INC [ATHR]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
COMMUN	(Last) (First) (Middle) 3				3. Date of Earliest Transaction (Month/Day/Year) 05/03/2011				Director 10% Owner Senior Vice President & GM			
GAN IOGE	(Street) 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					
SAN JOSE,, CA 95110 — Form fried by More than One Reporting Person										r8		
(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, if any (Month/Day/Year)			Code (Instr. 3, 4 and 5)				5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. 7. Nature o Ownership Indirect Form: Direct Beneficial (D) or Ownership Indirect (I) (Instr. 4)			
~				Code V	Amount	(D)	Price	(Instr. 3 and 4)				
Common Stock	05/03/2011			M	64,583	A	\$ 24.39	151,128	D			
Common Stock	05/03/2011			M	14,583	A	\$ 34.02	165,711	D			
Common Stock	05/03/2011			S	79,166	D	\$ 44.8	86,545	D			
Common Stock	05/04/2011			S	5,711	D	\$ 44.8	80,834	D			

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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. Transacti Code (Instr. 8)	TransactionDerivative Code Securities		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)	\$ 24.39	05/03/2011		M	64,583	<u>(1)</u>	09/16/2018	Common Stock	64,583	
Employee Stock Options (right to buy)	\$ 34.02	05/03/2011		M	14,583	<u>(2)</u>	02/10/2017	Common Stock	14,583	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

FAINTUCH AMIR C/O ATHEROS COMMUNICATIONS, INC. 1700 TECHNOLOGY DRIVE SAN JOSE,, CA 95110

Senior Vice President & GM

Signatures

Bruce P. Johnson, Attorney-in-fact 05/04/2011

**Signature of Reporting Person Date

Reporting Owners 2

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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) 25% of the options became exercisable on 9/15/2009, and the remaining options became exercisable in 36 equal monthly installments beginning on 10/15/2009.
- (2) The options become exercisable in 48 equal monthly installments commencing on 3/11/2010.

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.