MENG TERESA H Form 4 April 28, 2006

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MENG TERESA H			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			ATHEROS COMMUNICATIONS INC [ATHR]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	X Director 10% Owner Officer (give title Other (specify		
C/O ATHER	ROS		04/27/2006	below) below)		

COMMUNICATIONS, INC., 5480 GREAT AMERICA PARKWAY

> (Street) 4. If Amendment, Date Original

Filed(Month/Day/Year) Applicable Line)

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

6. Individual or Joint/Group Filing(Check

SANTA CLARA,, CA 95054

(State)

(City)

(City)	(State)	(Zip) Tab	(Zip) Table I - 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. Transactic Code (Instr. 8)	4. Securit onor 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	03/07/2006		G V	50,000	D	\$ 0	830,000	I	See Footnote (1)			
Common Stock	04/27/2006		M	50,000	A	\$ 1.72	880,000	I	See Footnote			
Common Stock	04/27/2006		S(2)	1,100	D	\$ 26.49	878,900	I	See Footnote (1)			

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Common Stock	04/27/2006	S(2)	5,990	D	\$ 26.47	872,910	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	6,432	D	\$ 26.46	866,478	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	2,705	D	\$ 26.44	863,773	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	7,246	D	\$ 26.43	856,527	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	5,500	D	\$ 26.42	851,027	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	800	D	\$ 26.41	850,227	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	4,714	D	\$ 26.4	845,513	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	1,300	D	\$ 26.39	844,213	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	1,100	D	\$ 26.38	843,113	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	100	D	\$ 26.36	843,013	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	700	D	\$ 26.32	842,313	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	500	D	\$ 26.31	841,813	I	See Footnote
Common Stock	04/27/2006	S(2)	500	D	\$ 26.3	841,313	I	See Footnote
Common Stock	04/27/2006	S(2)	1,000	D	\$ 26.29	840,313	I	See Footnote
Common Stock	04/27/2006	S(2)	14,115	D	\$ 26.28	826,198	I	See Footnote

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								(1)
Common Stock	04/27/2006	S(2)	8,070	D	\$ 26.26	818,128	I	See Footnote
Common Stock	04/27/2006	S(2)	4,100	D	\$ 26.25	814,028	I	See Footnote
Common Stock	04/27/2006	S(2)	7,693	D	\$ 26.24	806,335	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	2,904	D	\$ 26.23	803,431	I	See Footnote
Common Stock	04/27/2006	S(2)	2,600	D	\$ 26.22	800,831	I	See Footnote
Common Stock	04/27/2006	S(2)	3,000	D	\$ 26.21	797,831	I	See Footnote
Common Stock	04/27/2006	S(2)	9,620	D	\$ 26.2	788,211	I	See Footnote (1)
Common Stock	04/27/2006	S(2)	600	D	\$ 26.19	787,611	I	See Footnote
Common Stock	04/27/2006	S(2)	5,000	D	\$ 26.18	782,611	I	See Footnote
Common Stock	04/27/2006	S(2)	20,000	D	\$ 26.1772	762,611	I	See Footnote
Common Stock	04/27/2006	S(2)	32,456	D	\$ 26.17	730,155	I	See Footnote
Common Stock	04/27/2006	S(2)	5,304	D	\$ 26.16	724,851	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)

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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)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount o Underlying Securities (Instr. 3 and 4)	
			Code V	,	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Director Stock Options	\$ 1.72	04/27/2006	M	50,000	08/08/2001(3)	08/07/2011	Common Stock	50,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MENG TERESA H
C/O ATHEROS COMMUNICATIONS, INC.
5480 GREAT AMERICA PARKWAY
SANTA CLARA,, CA 95054

Signatures

Bruce P. Johnson, Attorney-in-fact 04/28/2006

**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) By Teresa H. Meng Trust

a currently valid OMB number.

(2) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.

All of the options became exercisable on 8/8/2001. The shares underlying the options are subject to the issuer's right of repurchase that (3) lapsed per the following schedule: 78,750 shares in equal monthly installments beginning on 7/31/2002 and ending on 9/30/2003, and

11,250 shares in three equal monthly installments beginning on 10/31/2003.

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

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Reporting Owners 4