

MENG TERESA H  
Form 4  
April 28, 2006

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
MENG TERESA H

2. Issuer Name and Ticker or Trading Symbol  
ATHEROS COMMUNICATIONS INC [ATHR]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
04/27/2006

Director  10% Owner  
 Officer (give title below)  Other (specify below)

C/O ATHEROS COMMUNICATIONS, INC., 5480 GREAT AMERICA PARKWAY

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

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

SANTA CLARA,, CA 95054

(City) (State) (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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	(A) or (D)	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 (1)
Common Stock	04/27/2006		S <sup>(2)</sup>		1,100	D \$ 26.49	878,900	I	See Footnote (1)

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

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

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

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(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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative 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 of Underlying Securities (Instr. 3 and 4)
Director Stock Options	\$ 1.72	04/27/2006		M	50,000	08/08/2001 <sup>(3)</sup> 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	X			

## 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

(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.

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