Hueber Robert M Form 4 January 30, 2009

FORM 4

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

SECURITIES

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Section 16.

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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 See Instruction

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person * Hueber Robert M

(First) (Middle)

311 ARSENAL STREET

(Street)

2. Issuer Name and Ticker or Trading Symbol

ATHENAHEALTH INC [ATHN]

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

01/28/2009

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

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

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

SVP, Sales

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

WATERTOWN, MA 02472

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative	Secur	rities Acqu	uired, Disposed o	f, or Beneficial	ly 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 on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Form: Direct Beneficially (D) or Owned Indirect (I) Following (Instr. 4) Reported		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	01/28/2009		M	6,000	A	\$ 0.62	70,330	D	
Common Stock	01/28/2009		S	3,000 (1)	D	\$ 36.75	67,330	D	
Common Stock	01/28/2009		S	500 (1)	D	\$ 37.5	66,830	D	
Common Stock	01/28/2009		S	2,500 (1)	D	\$ 36.62	64,330	D	
Common Stock	01/28/2009		S	177 (2)	D	\$ 36.8	64,153	D	

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Common Stock	01/28/2009	S	2,823 (2)	D	\$ 36.6 61,330	D
Common Stock	01/28/2009	S	2,200 (2)	D	\$ 36.7 59,130	D

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

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(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. Transactio Code (Instr. 8)	5. Number op f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	ative Expiration Date s (Month/Day/Year) d		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
Stock Option (Right to Buy)	\$ 0.62	01/28/2009		M	6,000	09/11/2002	09/11/2012	Common Stock	6,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting o where remains a remainder	Director	10% Owner	Officer	Other			
Hueber Robert M 311 ARSENAL STREET WATERTOWN, MA 02472			SVP, Sales				
Signatures							

/s/ Daniel H. Orenstein 01/30/2009 Attorney-in-Fact

**Signature of Reporting Person Date

2 Reporting Owners

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) These sales were made pursuant to a written trading plan adopted by the Reporting Person on January 11, 2008 in accordance with SEC Rule 10b5-1.
- (2) These sales were made pursuant to a written trading plan adopted by the Reporting Person on November 17, 2008 in accordance with SEC Rule 10b5-1.

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.