Park Todd Y. Form 4 December 29, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

obligations

may continue.

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

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Park Todd Y.

2. Issuer Name and Ticker or Trading Symbol

ATHENAHEALTH INC [ATHN]

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Issuer

(Last)

(First)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year) 12/23/2008

(Check all applicable)

C/O ATHENAHEALTH, INC., 311

(Street)

ARSENAL STREET

4. If Amendment, Date Original

Filed(Month/Day/Year)

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

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

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

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. Transactio Code (Instr. 8)	4. Securities Acquired ction(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	12/23/2008		S	100 (1)	D	\$ 35.9	883,500	D	
Common Stock	12/23/2008		S	100 (1)	D	\$ 35.7	883,400	D	
Common Stock	12/23/2008		S	100 (1)	D	\$ 35.71	883,300	D	
Common Stock	12/23/2008		S	100 (1)	D	\$ 36.07	883,200	D	
Common Stock	12/23/2008		S	100 (1)	D	\$ 36.45	883,100	D	

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Common Stock	12/23/2008	S	100 <u>(1)</u> I	D	\$ 37.15	883,000	D
Common Stock	12/23/2008	S	100 <u>(1)</u> I	D	\$ 37.29	882,900	D
Common Stock	12/23/2008	S	100 <u>(1)</u> I	D	\$ 37.36	882,800	D
Common Stock	12/23/2008	S	100 <u>(1)</u> I	D	\$ 35.87	882,700	D
Common Stock	12/23/2008	S	50 <u>(1)</u> I	D	\$ 36.3	882,650	D
Common Stock	12/23/2008	S	100 <u>(1)</u> I	D	\$ 36.32	882,550	D
Common Stock	12/23/2008	S	100 <u>(1)</u> I	D	\$ 36.14	882,450	D
Common Stock	12/23/2008	S	100 <u>(1)</u> I	D	\$ 35.84	882,350	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amou	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)]
	Derivative				Securities	Securities		(Instr			(
Security					Acquired]
					(A) or					J	
					Disposed						7
					of (D)						(
					(Instr. 3,						
					4, and 5)						
					,						
									Amount		
						Date	Expiration		or		
						Exercisable Date	-	Title I	Number		
							Dute		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Reporting Owners 2

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Park Todd Y. C/O ATHENAHEALTH, INC. 311 ARSENAL STREET WATERTOWN, MA 02472

X

Signatures

/s/ Daniel H. Orenstein Attorney-in-Fact

12/29/2008

**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 on this Form 4 were made pursuant to a written trading plan adopted by the Reporting Person on January 7, 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.

Signatures 3