Park Todd Y. Form 4 February 27, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

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Number:

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January 31,

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

(Print or Type Responses)

1(b).

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Last)

(City)

(First) (Middle) ATHENAHEALTH INC [ATHN]

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

02/25/2009

(Check all applicable)

C/O ATHENAHEALTH, INC., 311

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

ARSENAL STREET

(Zip)

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

Applicable Line)

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

6. Individual or Joint/Group Filing(Check

WATERTOWN, MA 02472

(Street)

(State)

(City)	(State)	Table	I - Non-D	erivative (Secur	ities Acqu	uired, Disposed of	, or Beneficiall	y 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)	n(A) or Di	rities Acquired Disposed of (D) , 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount		Price	(Instr. 3 and 4)		
Common Stock	02/25/2009		S	100 (1)	D	\$ 35.67	872,250	D	
Common Stock	02/25/2009		S	92 (1)	D	\$ 35.86	872,158	D	
Common Stock	02/25/2009		S	8 (1)	D	\$ 35.87	872,150	D	
Common Stock	02/25/2009		S	150 (1)	D	\$ 35.58	872,000	D	
Common Stock	02/25/2009		S	100 (1)	D	\$ 35.76	871,900	D	

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Common Stock	02/25/2009	S	100 (1)	D	\$ 35.28	871,800	D
Common Stock	02/25/2009	S	100 (1)	D	\$ 35.9	871,700	D
Common Stock	02/25/2009	S	100 (1)	D	\$ 35.55	871,600	D
Common Stock	02/25/2009	S	34 (1)	D	\$ 35.1	871,566	D
Common Stock	02/25/2009	S	66 (1)	D	\$ 35.11	871,500	D
Common Stock	02/25/2009	S	200 (1)	D	\$ 35.19	871,300	D
Common Stock	02/25/2009	S	100 (1)	D	\$ 35.79	871,200	D
Common Stock	02/25/2009	S	100 (1)	D	\$ 35.64	871,100	D

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

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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	Transaction	orNumber	Expiration Da	ite	Amou	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/Y	Year)	Under	lying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)]
	Derivative				Securities		(Instr		3 and 4)		(
	Security				Acquired]
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	m: .1	or		
						Exercisable Date		Number			
				G 1 17	(A) (D)				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

02/27/2009

**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