Bush Jonathan Form 4

September 03, 2009

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

burden hours per

Estimated average 0.5 response...

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

obligations may continue.

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

1(b).

(Print or Type Responses)

See Instruction

1. Name and Ad Bush Jonatha	•	orting Person *	2. Issuer Name and Ticker or Trading Symbol ATHENAHEALTH INC [ATHN]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
C/O ATHENAHEALTH, INC., 311 ARSENAL STREET			(Month/Day/Year) 09/01/2009	_X_ Director 10% Owner Specify below)		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
WATERTOWN, MA 02472			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zin)				

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative :	Securi	ties Acqu	iired, Disposed of	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. Transactic Code (Instr. 8)	4. Securit or(A) or Dis (Instr. 3, 4)	sposed	of (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	09/01/2009		M	10,000	A		340,605	D	
Common Stock	09/01/2009		S	10,000 (1)	D	\$ 39.83 (2)	330,605	D	
Common Stock							236,890	I	See Footnote (3)
Common Stock							100,000	I	See Footnote

Common See See Stock 13,995 I Footnote (5)

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)

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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of D) Instr. 3, 4,		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	09/01/2009		M	10,000	08/01/2003	08/01/2013	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Bush Jonathan							
C/O ATHENAHEALTH, INC.	X		CEO and President				
311 ARSENAL STREET	Λ		CEO and Flesident				
WATERTOWN, MA 02472							

Signatures

/s/ Daniel H. Orenstein
Attorney-in-Fact
09/03/2009

**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 March 3, 2009, in accordance with Rule 10b5-1.

Reporting Owners 2

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- This price represents the weighted average of sales ranging from \$39.56 to \$39.97. Upon request by the Commission staff, the Issuer, or a security holder of the Issuer, the Reporting Person will provide full information regarding the number of shares sold at each separate price.
- These shares are owned by The Bush 2004 Gift Trust, the beneficiaries of which are certain of Mr. Bush's children. The Reporting Person (3) disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.
- These shares are owned by The Jonathan J. Bush, Jr. Grantor Retained Annuity Trust Dated July 15, 2008, the beneficiaries of which are Mr. Bush and certain of his children. The Reporting Person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.
- These shares are owned by The Jonathan J. Bush, Jr. 2007 Grantor Retained Annuity Trust, the beneficiaries of which are Mr. Bush and certain of his children. The Reporting Person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the Reporting Rerson is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.

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.