

Bush Jonathan
 Form 4/A
 August 28, 2008

FORM 4

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

OMB APPROVAL

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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 *
Bush Jonathan

 (Last) (First) (Middle)
C/O ATHENAHEALTH, INC., 311 ARSENAL STREET

 (Street)
WATERTOWN, MA 02472

 (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
ATHENAHEALTH INC [ATHN]

3. Date of Earliest Transaction (Month/Day/Year)
08/18/2008

4. If Amendment, Date Original Filed(Month/Day/Year)
08/21/2008

5. Relationship of Reporting Person(s) to Issuer

 (Check all applicable)
 Director 10% Owner
 Officer (give title below) Other (specify below)
CEO and President

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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)	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)
			Code	V Amount (A) or (D) Price			
Common Stock	08/18/2008		G	V 1,215 (1) D \$ 0	389,190 (2)	D	
Common Stock	08/19/2008		S	130 (3) D \$ 31.91	246,190	I	See Footnote (4)
Common Stock	08/19/2008		S	100 (3) D \$ 32.2	246,090	I	See Footnote (4)
Common Stock					100,000	I	See Footnote (5)

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date of August 18, 2008 (the "Gift"). The August 21 Form 4 did not account for the Gift in computing beneficial ownership in Table I, Column 5. This amendment now reflects the correct beneficial ownership as of the applicable dates of the transactions reported herein.

- (3) The sales reported on this Form 4 were made pursuant to a written trading plan adopted by the trustees of The Bush 2004 Gift Trust (see footnote 4) on January 7, 2008 in accordance with SEC Rule 10b5-1.

- (4) These shares are owned by The Bush 2004 Gift Trust, the beneficiaries of which are certain of Mr. Bush's 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.

- (5) 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.

- (6) 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 Person 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.

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