

King-Shaw Ruben Jose JR
 Form 4
 February 04, 2010

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 *
 King-Shaw Ruben Jose JR

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 01/19/2010

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

C/O ATHENAHEALTH, INC., 311 ARSENAL STREET

(Street)

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

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

WATERTOWN, MA 02472

(City) (State) (Zip)

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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	01/19/2010		M	500 A \$ 26.74	500	D	
Common Stock	01/19/2010		S	500 (1) D \$ 45.01	0	D	
Common Stock	02/01/2010		M	500 A \$ 26.74	500	D	
Common Stock	02/01/2010		S	500 (1) D \$ 40	0	D	
Common Stock					30,000	I	See Footnote (2)

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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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. P... Der... Sec... (Ins...	
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)
Stock Option (Right to Buy)	\$ 26.74	01/19/2010		M	500	04/30/2009 05/01/2018	Common Stock	500	
Stock Option (Right to Buy)	\$ 26.74	02/01/2010		M	500	04/30/2009 05/01/2018	Common Stock	500	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
King-Shaw Ruben Jose JR C/O ATHENAHEALTH, INC. 311 ARSENAL STREET WATERTOWN, MA 02472	X			

Signatures

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

02/04/2010

__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 November 14, 2009, in accordance with Rule 10b5-1.
- (2) Represents shares directly owned by Mansa Equity Partners, Inc. ("Mansa"). Mr. King-Shaw is the chief executive officer of Mansa. Mr. King-Shaw disclaims beneficial ownership of these shares except to the extent of his pecuniary interest therein.

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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