Orenstein Daniel H. Form 4 September 21, 2010

## FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Ad Orenstein Da	•	orting Person *	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			ATHENAHEALTH INC [ATHN]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	••			
311 ARSEN	AL STREE	Т	(Month/Day/Year) 09/20/2010	Director 10% Owner _X_ Officer (give title Other (specify below)  SVP, GC, and Secretary			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
WATERTO	WN, MA 02	2472		Person			

(City)	(State) (Z	Zip) Table	I - Non-De	erivative Securit	ties Ac	quired, Disposed o	of, or Beneficial	lly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securities on Acquired (A) or	r	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)	()	any (Month/Day/Year)	Code (Instr. 8)	Disposed of (D) (Instr. 3, 4 and	)	Beneficially Owned Following Reported	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
			Code V	(A) or Amount (D)	Price	Transaction(s) (Instr. 3 and 4)		

		Code V	Amount	(D)	Price	•	
Common Stock	09/20/2010	M	533	A	\$ 3.8	11,264	D
Common Stock	09/20/2010	S	533 (1)	D	\$ 30	10,731	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)

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

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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 on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercis Expiration Dat (Month/Day/Y	e	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)	\$ 3.8	09/20/2010		M	533	06/01/2006	07/21/2015	Common Stock	533	

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Orenstein Daniel H. 311 ARSENAL STREET WATERTOWN, MA 02472

SVP, GC, and Secretary

### **Signatures**

/s/ Daniel H. Orenstein 09/21/2010

\*\*Signature of Date
Reporting Person

#### **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 sale reported on this Form 4 was made pursuant to a written trading plan adopted by the Reporting Person on November 4, 2009, in accordance with 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.

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