SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to § 240.13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to § 240.13d-2.

Under the Securities Exchange Act of 1934

athenahealth, Inc. (Name of Issuer)

Common Stock (Title of Class of Securities)

04685W103 (CUSIP Number)

April 30, 2008 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ý Rule 13d-1(b)
- " Rule 13d-1(c)
- " Rule 13d-1(d)

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SCHEDULE 13G

| CUSIP No. 04685W103 | | | Page 2 of 6 Pages | | | |
|---------------------|---|----|----------------------------|------------|--|--|
| 1) | NAME OF REPORTING PERSON | | | | | |
| | Gilder, Gagnon, Howe & Co. LLC | | | | | |
| 2) | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) o (b) o | | | | | |
| 3) | SEC USE ONLY | | | | | |
| 4) | CITIZENSHIP OR PLACE OF ORGANIZATION | | | | | |
| | New York | 5) | COLE VOTING DOWED | | | |
| | | 5) | SOLE VOTING POWER | | | |
| | NUMBER | | 75,804 | | | |
| | OF SHARES | 6) | SHARED VOTING POWER | | | |
| | BENEFICIALLY | | | | | |
| | OWNED BY | 7) | None SOLE DISPOSITIVE POWE | 7 D | | |
| | EACH | 7) | SOLE DISPOSITIVE FOWE | 2K | | |
| | REPORTING | | 75,804 | | | |
| | PERSON WITH | 8) | SHARED DISPOSITIVE PC | WER | | |
| | *************************************** | | 1 0 40 70 4 | | | |
| 9) | 1,842,724 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | | | | | |
|)) | | | | | | |
| | 1,918,528 | | | | | |
| 10) | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES | | | | | |
| | 0 | | | | | |
| 11) | o PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) | | | | | |
| | 5.9% | | | | | |
| 12) | TYPE OF REPORTING PERSON | | | | | |
| | BD | | | | | |

Schedule 13G

| Item 1(a). | Name of Issuer: | | | | | |
|---|---|--|--|--|--|--|
| athenahealth, Inc. | | | | | | |
| Item 1(b). | Address of Issuer's Principal Executive Offices: | | | | | |
| 311 Arsenal Street Watertown, MA 02472 | | | | | | |
| Item 2(a). | Name of Person Filing: | | | | | |
| Gilder, Gagnon, H | lowe & Co. LLC | | | | | |
| Item 2(b). | Address of Principal Business Office or, if None, Residence: | | | | | |
| 1775 Broadway, 26th Floor New York, NY 10019 | | | | | | |
| Item 2(c). | Citizenship: | | | | | |
| New York | | | | | | |
| Item 2(d). | Title of Class of Securities: | | | | | |
| Common Stock | | | | | | |
| Item 2(e). | CUSIP Number: | | | | | |
| 04685W103 | | | | | | |
| Item 3. person filing is a: | If this statement is filed pursuant to §§ 240.13d-1(b), or 240.13d-2(b) or (c), check whether the | | | | | |
| (a) | x Broker or Dealer Registered Under Section 15 of the Act (15 U.S.C. 780) | | | | | |
| (b) | " Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c) | | | | | |
| (c) | " Insurance Company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c) | | | | | |
| (d) " Investment | Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8) | | | | | |
| (e) | " Investment Adviser in accordance with § 240.13d-1(b)(1)(ii)(E) | | | | | |
| (f) " | Employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F) | | | | | |
| (g) | Parent Holding Company or control person in accordance with §240.13d-1(b)(ii)(G) | | | | | |

| (h) | " Savings Assoc | ciation as defined in §3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813) | | | |
|------------------------|---|--|--|--|--|
| | h plan that is exclude any Act of 1940 (15 | ed from the definition of an investment company under §3(c)(15) of the Investment U.S.C. 80a-3) | | | |
| | (j) | " Group, in accordance with §240.13d-1(b)(ii)(J) | | | |
| Item 4. | | Ownership. | | | |
| (a) | (a) Amount beneficially owned: 1,918,528 | | | | |
| (b) | (b) Percent of class: 5.9% | | | | |
| (c) | (c) Number of shares as to which such person has: | | | | |
| | (i) | Sole power to vote or to direct the vote: 75,804 | | | |
| | (ii) | Shared power to vote or to direct the vote: None | | | |
| | (iii) | Sole power to dispose or to direct the disposition of: 75,804 | | | |
| | (iv) | Shared power to dispose or to direct the disposition of: 1,842,724 | | | |
| Reporting held in acc | Person have discret counts owned by the | 634,424 shares held in customer accounts over which partners and/or employees of the ionary authority to dispose of or direct the disposition of the shares, 208,300 shares a partners of the Reporting Person and their families, and 75,804 shares held in the blan of the Reporting Person ("the Profit-Sharing Plan"). | | | |
| Item 5. | | Ownership of Five Percent or Less of a Class. | | | |
| Not applica | able | | | | |
| Item 6. | Ownership | of More than Five Percent on Behalf of Another Person. | | | |
| | | cluding the Profit-Sharing Plan) in which the shares reported on this Schedule are held power to direct the receipt of dividends from, or the proceeds from the sale of, such | | | |
| Item 7. by the Pare | Identification ent Holding Compan | on and Classification of the Subsidiary Which Acquired the Security Being Reported on by. | | | |
| Not applica | able | | | | |
| | | | | | |

Item 8. Identification and Classification of Members of the Group.

Not applicable

Item 9. Notice of Dissolution of Group.

Not applicable

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best knowledge and belief of the undersigned, the undersigned certifies that the information set forth in this Statement is true, complete and correct.

May 12, 2008 Date

/s/ Walter Weadock Signature

Walter Weadock, Member Name/Title