

Ratiner Boris
Form 4/A
June 28, 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 *
Ratiner Boris

(Last) (First) (Middle)

18375 VENTURA BOULEVARD,
#552

(Street)

TARZANA, CA 91356

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
AtheroNova Inc. [AHRO.OB]

3. Date of Earliest Transaction
(Month/Day/Year)
05/13/2010

4. If Amendment, Date Original Filed(Month/Day/Year)
05/17/2010

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) Price | | | |
| Common Stock | 06/23/2010 | | C(1) | 1,457,852 A | 1,457,852 | D | |

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)

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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 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 Underl (Instr. 3) | |
|---|--|--------------------------------------|--|--------------------------------|---|--|----------------------------|-------|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title |
| Warrant to Purchase Super-Voting Common Stock | (2) | 05/13/2010 | | J(2) | 5,831,407 | (2) 01/07/2015 | Comm Sto | |
| Super-Voting Common Stock | (1) | 06/23/2010 | | C(1) | 5,831,407 | (1) (1) | Comm Sto | |
| Warrant to Purchase Super-Voting Common Stock | (3) | 06/23/2010 | | J(3) | 5,831,407 | (3) 01/07/2015 | Comm Sto | |
| Warrant to Purchase Common Stock | (3) | 06/23/2010 | | J(3) | 1,457,852 | (3) 01/07/2015 | Comm Sto | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Ratiner Boris 18375 VENTURA BOULEVARD, #552 TARZANA, CA 91356 | X | | | |

Signatures

/s/ Boris Ratiner 06/24/2010

__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).

- On June 23, 2010, upon the filing and acceptance of the Issuer's Amended and Restated Certificate of Incorporation effecting a 1-for-200
- (1) reverse stock split of the Issuer's outstanding common stock, each share of the Reporting Person's Super-Voting Common Stock automatically converted into 0.25 shares of the Issuer's common stock.
 - (2) The Reporting Person obtained the warrant pursuant to the closing of transactions contemplated under an Agreement and Plan of Merger dated March 26, 2010. The shares of Super-Voting Common Stock issuable upon exercise of the warrant are convertible at a rate of 50

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shares of Common Stock for each share of Super-Voting Common Stock, automatically upon the filing and acceptance of an amendment to the Issuer's Certificate of Incorporation effecting a 1-for-200 reverse stock split of the Common Stock. The warrant is fully exercisable. The Reporting Person hereby amends the original report regarding these securities to correctly report the issuance of a single warrant for the aggregate shares reported and the expiration date of the warrant.

- On June 23, 2010, upon the filing and acceptance of the Issuer's Amended and Restated Certificate of Incorporation effecting a 1-for-200
- (3) reverse stock split of the Issuer's outstanding common stock, the warrant, by its terms, became exercisable for 0.25 shares of the Issuer's Common Stock for each share of Super-Voting Common Stock formerly issuable upon exercise of the warrant.
 - (4) Accounts for a 1-for-200 reverse split.

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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