

AtheroNova Inc.  
Form 8-K  
July 11, 2012

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

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FORM 8-K

CURRENT REPORT  
PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934

Date of Report:  
(Date of earliest event reported)

July 9, 2012

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ATHERONOVA INC.  
(Exact name of registrant as specified in charter)

Delaware  
(State or other Jurisdiction of Incorporation or Organization)

000-52315  
(Commission File Number)

20-1915083  
(IRS Employer Identification No.)

2301 Dupont Drive, Suite 525  
Irvine, CA 92612  
(Address of Principal Executive Offices  
and zip code)

(949) 476-1100  
(Registrant's telephone  
number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12(b) under the Exchange Act (17 CFR 240.14a-12(b))
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))



Item 8.01. Other Events.

On July 9, 2012, the Registrant issued a press release regarding receipt of a Notice of Allowance from the United States Patent and Trademark Office for its patent application 12/024,908. The press release is attached as Exhibit 99.1 hereto and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

99.1 Press release entitled “AtheroNova Receives Notice of Allowance for Its US Patent Application 12/024,908” dated July 9, 2012.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

AtheroNova Inc.

Date: July 11, 2012

By: /s/ Mark Selawski  
Mark Selawski  
Chief Financial Officer & Secretary