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

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) October 5, 2006

ACORN FACTOR, INC. (Exact name of Registrant as Specified in its Charter)

Delaware 0-19771 22-2786081 (States or Other Jurisdiction (Commission file Numbers) (IRS Employer of Incorporation) Identification Nos.)

200 Route 17, Mahwah, New Jersey 07430 (Address of Principal Executive Offices) (Zip Code)

Registrants' telephone number, including area code (201) 529-2026

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

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

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Item 8.01 Other Events

On October 5, 2006, the Registrant issued the press release attached hereto as Exhibit 99.1.

Exhibit No. Description

99.1 Press release dated October 5, 2006.

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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 on this 11th day of October, 2006.

ACORN FACTOR, INC.

By: /s/ Sheldon Krause

Name: Sheldon Krause

Title: Secretary and General Counsel