

Ascent Solar Technologies, Inc.
Form 8-K
July 25, 2006

**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): **July 25, 2006**

ASCENT SOLAR TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-32919
(Commission
File Number)

20-3672603
(I.R.S. Employer
Identification No.)

8120 Shaffer Parkway Littleton, Colorado
(Address of principal executive offices)

80127
(Zip Code)

Registrant's telephone number, including area code: **(303) 420-1141**

Former name or former address, if changed since last report

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:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- 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 25, 2006, Ascent Solar Technologies, Inc. (the Company) issued a press release titled Ascent Solar to Lead Solar America Team. A copy of the press release is attached as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

The following exhibits are filed herewith:

| Exhibit No. | Description |
|--------------------|--|
| 99.1 | Press Release dated July 25, 2006, issued by Ascent Solar Technologies, Inc. |

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.

ASCENT SOLAR TECHNOLOGIES, INC.

July 25, 2006

By: /s/ Matthew Foster
Name: Matthew Foster
Title: President and Chief Executive Officer