Ascent Solar Technologies, Inc.

Form 3

February 05, 2007

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

OMB APPROVAL

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INITIAL STATEMENT OF 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 *

A Swanson Richard John

(Last)

(First)

(Middle)

Statement

(Month/Day/Year)

01/30/2007

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Ascent Solar Technologies, Inc. [ASTI]

> 4. Relationship of Reporting Person(s) to Issuer

5. If Amendment, Date Original

Filed(Month/Day/Year)

C/O ASCENT SOLAR TECHNOLOGIES, INC., Â 8120 SHAFFER PARKWAY

(Street)

(State)

X Director 10% Owner Officer Other

(give title below) (specify below)

(Check all applicable)

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One Reporting Person

LITTLETON. COÂ 80127

(City)

(Instr. 4)

1. Title of Security

(Zip)

Table I - Non-Derivative Securities Beneficially Owned

2. Amount of Securities Beneficially Owned

(Instr. 4)

3. Ownership Form:

4. Nature of Indirect Beneficial Ownership (Instr. 5)

Direct (D) or Indirect (I) (Instr. 5)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

5. 4 Conversion or Exercise

Ownership Form of Derivative

6. Nature of Indirect Beneficial Ownership

(Instr. 5)

Date Exercisable Expiration Date

Title

Amount or Number of Derivative Security

Price of

Security: Direct (D)

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Shares or Indirect (I)

(Instr. 5)

Common Stock Option 12/31/2007 01/30/2017 Common Stock Option 12/31/2007 01/30/2017 Common Stock Option D Â

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Swanson Richard John

C/O ASCENT SOLAR TECHNOLOGIES, INC. 8120 SHAFFER PARKWAY

LITTLETON, COÂ 80127

Signatures

Richard J Swanson 02/01/2007

**Signature of Reporting Person

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

Date

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

On January 30, 2007, Mr. Swanson was granted options to purchase 10,000 shares of common stock in consideration of his service on the (1) Board of Directors. He also was granted options to purchase 6,000 shares of common stock in consideration of his service on the committees of the Board of Directors.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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