KUMAR AMIT Form 3 June 22, 2007

FORM 3

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

OMB APPROVAL

OMB Number:

3235-0104

Expires:

January 31, 2005

0.5

Estimated average burden hours per

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, response... 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 *

KUMAR AMIT

(Last)

(First)

(Middle)

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

Statement

(Month/Day/Year)

06/20/2007

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)

X Director 10% Owner Officer Other

(give title below) (specify below)

(Check all applicable)

Ascent Solar Technologies, Inc. [ASTI]

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) (State) (Zip)

1. Title of Security (Instr. 4)

Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities

Beneficially Owned

(Instr. 4)

3. Ownership 4. Nature of Indirect Beneficial Ownership

(Instr. 5)

Form: 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)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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 Ownership Conversion or Exercise Form of

6. Nature of Indirect Beneficial

Date

Exercisable

Expiration Date

Title Amount or Number of Price of Derivative Security

Derivative Security: Direct (D)

(Instr. 5)

Ownership

1

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Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

KUMAR AMIT

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

LITTLETON, COÂ 80127

Signatures

Amit Kumar 06/22/2007

**Signature of Date Reporting Person

Explanation of Responses:

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

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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