

Ascent Solar Technologies, Inc.  
 Form 4  
 December 07, 2007

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
 Foster Matthew

2. Issuer Name and Ticker or Trading Symbol  
 Ascent Solar Technologies, Inc.  
 [ASTI]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 12/03/2007

\_\_\_\_ Director  
 Officer (give title below)  
 \_\_\_\_ 10% Owner  
 \_\_\_\_ Other (specify below)  
 President and CEO

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

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_\_ Form filed by More than One Reporting Person

LITTLETON, CO 80127  
 (City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V	Amount	

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

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SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Common Stock Option (Right to Buy)	\$ 17.75	12/03/2007		A		9,000		12/03/2008 <sup>(1)</sup>	12/03/2017	Common Stock	9,000

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director    10% Owner    Officer    Other

Foster Matthew  
 C/O ASCENT SOLAR TECHNOLOGIES, INC.  
 8120 SHAFFER PARKWAY  
 LITTLETON, CO 80127

President and CEO

## Signatures

David C. Wang, as attorney-in-fact for Matthew B. Foster

12/07/2007

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 4(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).

(1) Options to purchase 4,500 shares vest on December 3, 2008, and options to purchase 4,500 vest on December 3, 2009.

Mr. Foster also directly holds the following securities: 105,000 shares of common stock; vested options to purchase 47,144 shares of common stock that expire February 27, 2016; vested options (or options that will vest within 60 days) to purchase 10,000 shares of

(2) common stock that expire on November 18, 2015; unvested options to purchase 42,856 shares of common stock that expire February 27, 2016; and unvested options to purchase 10,000 shares of common stock that expire on November 18, 2015. Mr. Foster also indirectly holds the following securities, which are directly held by Mr. Foster's spouse: 230 shares of common stock; and 430 Class B warrants.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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