Ascent Solar Technologies, Inc.

Form 4

March 23, 2011

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** Number:

3235-0287

Expires:

January 31, 2005

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**OMB APPROVAL** 

Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

subject to

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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person \*

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

MARSH G THOMAS

Ascent Solar Technologies, Inc.

(Check all applicable)

[ASTI]

(Last)

(First) (Middle) 3. Date of Earliest Transaction

X\_ Director 10% Owner Other (specify Officer (give title

(Month/Day/Year) 03/21/2011

C/O ASCENT SOLAR

TECHNOLOGIES, INC., 12300 **GRANT STREET** 

(Street)

4. If Amendment, Date Original

Applicable Line)

\_X\_ Form filed by One Reporting Person

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

3.

Form filed by More than One Reporting

THORNTON, CO 80241

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

(Month/Day/Year) Execution Date, if

2. Transaction Date 2A. Deemed

(Month/Day/Year)

TransactionAcquired (A) or Disposed of (D) Code (Instr. 8) (Instr. 3, 4 and 5) Securities Beneficially Owned Following

5. Amount of

6. Ownership 7. Nature of Form: Direct (D) or Indirect (I) (Instr. 4)

Indirect Beneficial Ownership (Instr. 4)

(9-02)

(A)

Reported Transaction(s) (Instr. 3 and 4)

(1)

Common Stock

03/21/2011

(D) Price Code V Amount \$0 4.092

4. Securities

11,836

D

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

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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. Transacti Code (Instr. 8)	5. Number conf 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)		8. P. Derri Section (Ins
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	<u>(1)</u>	03/21/2011		M	4,092	(2)	(2)	Common Stock	4,092	

## **Reporting Owners**

Reporting Owner Name / Address

Director 10% Owner Officer Other

MARSH G THOMAS C/O ASCENT SOLAR TECHNOLOGIES, INC. 12300 GRANT STREET THORNTON, CO 80241



### **Signatures**

/s/ Jason Day, Attorney-in-Fact 03/23/2011

\*\*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) Each restricted stock unit represents a contingent right to receive one share of the issuer's common stock.
- (2) The restricted stock units vest in four equal installments on March 21, 2011, June 20, 2011, September 19, 2011 and December 19, 2011. 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.

Reporting Owners 2