Eller Ron Form 4 January 04, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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)

1. Name and Address of Reporting Person * Eller Ron

2. Issuer Name and Ticker or Trading Symbol

Ascent Solar Technologies, Inc.

[ASTI]

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

(Last)

(First)

(Street)

(State)

(Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year) 12/31/2010

X_ Director Officer (give title

10% Owner Other (specify

C/O ASCENT SOLAR TECHNOLOGIES, INC., 12300

GRANT STREET

(City)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

THORNTON, CO 80241

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

Code (Month/Day/Year)

4. Securities Acquired Transaction(A) or Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

(A)

(D)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of Securities Beneficially Owned **Following** Reported

Ownership Form: Direct (D) or Indirect (I)

(Instr. 4)

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

Price

\$

(3)

Transaction(s) (Instr. 3 and 4)

Common 12/31/2010 11,594 D M 3,113 Α (1) Stock

Common 01/03/2011 Stock

 $S^{(2)}$

1,600 D

Code V Amount

3.4263 9,994 D

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

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

SEC 1474 (9-02)

Edgar Filing: Eller Ron - Form 4

number.

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	e 3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of orDerivative 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
Restricted Stock Units	(1)	12/31/2010		M		3,113	<u>(4)</u>	<u>(4)</u>	Common Stock	3,113
Restricted Stock	<u>(1)</u>	01/04/2011		A	15,772		(5)	<u>(5)</u>	Common Stock	15,772

Reporting Owners

Reporting Owner Name / Address	Kelationships					
	Director	10% Owner	Officer	Other		

Eller Ron C/O ASCENT SOLAR TECHNOLOGIES, INC. 12300 GRANT STREET THORNTON, CO 80241



Signatures

/s/ Jason Day, Attorney-in-Fact 01/04/2011

**Signature of Reporting Person

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.

Date

- (2) The shares were sold pursuant to a sales plan adopted by the reporting person on January 13, 2010 and intended to comply with Rule 10b5-1 under the Securities Exchange Act of 1934.
- The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$3.41 to \$3.44, inclusive. The reporting person undertakes to provide to the issuer, any shareholder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.
- (4) The restricted stock units vest in four equal installments on the last day of each fiscal quarter in 2010.
- (5) The restricted stock units vest in four equal installments on the last day of each fiscal quarter in 2011.

Reporting Owners 2

Edgar Filing: Eller Ron - Form 4

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.