Russell TW Fraser Form 4 October 02, 2009

## FORM 4

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB** Washington, D.C. 20549 Number:

Check this box if no longer subject to Section 16. Form 4 or

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction 1(b).

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 \* Russell TW Fraser

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

**OMB APPROVAL** 

Expires:

response...

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

Ascent Solar Technologies, Inc.

(Check all applicable)

[ASTI]

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction

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

(Month/Day/Year) 09/30/2009

C/O ASCENT SOLAR TECHNOLOGIES, INC., 8120

SHAFFER PARKWAY

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

D

LITTLETON, CO 80127

(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

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

5. Amount of Securities Beneficially Owned Following

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

Reported

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

Common Stock

09/30/2009

Price Code V Amount (D)

M 3,058 (1) 26,724

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

#### Edgar Filing: Russell TW Fraser - Form 4

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 or of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration E (Month/Day	ate	7. Title and A Underlying S (Instr. 3 and	Securities	8. Pr Deri Secu (Inst
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	(1)	09/30/2009		M	3,058	(2)	(2)	Common Stock	3,058	

# **Reporting Owners**

Reporting Owner Name / Address

Director 10% Owner Officer Other

Russell TW Fraser C/O ASCENT SOLAR TECHNOLOGIES, INC. 8120 SHAFFER PARKWAY LITTLETON, CO 80127



## **Signatures**

David C. Wang, as attorney-in-fact for TW Fraser Russell

10/02/2009

\*\*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 remaining restricted stock units vest in the following amount on the following date: 25% on December 31, 2009.
- (3) Dr. Russell also holds vested options to purchase 8,000 shares of common stock that expire November 18, 2015.

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