Russell TW Fraser Form 4 February 05, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b). (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

Ascent Solar Technologies, Inc.

3. Date of Earliest Transaction

[ASTI]

(Check all applicable)

(Last) (First) (Middle)

(Month/Day/Year) 02/01/2008

10% Owner Other (specify Officer (give title

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)

_X__ Director

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

LITTLETON, CO 80127

(City)	(State) (Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	y 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)	Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	02/01/2008		S(1)	343	D	\$ 15.32	10,101	D	
Common Stock	02/01/2008		S(1)	400	D	\$ 15.33	9,701	D	
Common Stock	02/01/2008		S(1)	117	D	\$ 15.34	9,584	D	
Common Stock	02/01/2008		S(1)	229	D	\$ 15.35	9,355	D	
	02/01/2008		S(1)	29	D		9,326	D	

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Common Stock					\$ 15.36		
Common Stock	02/01/2008	S(1)	72	D	\$ 15.38	9,254	D
Common Stock	02/01/2008	S <u>(1)</u>	114	D	\$ 15.4	9,140	D
Common Stock	02/01/2008	S <u>(1)</u>	314	D	\$ 15.41	8,826	D
Common Stock	02/01/2008	S(1)	57	D	\$ 15.42	8,769	D
Common Stock	02/01/2008	S(1)	57	D	\$ 15.43	8,712	D
Common Stock	02/01/2008	S(1)	86	D	\$ 15.45	8,626	D
Common Stock	02/01/2008	S(1)	29	D	\$ 15.46	8,597	D
Common Stock	02/01/2008	S(1)	57	D	\$ 15.48	8,540	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)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	tiorNumber	Expiration D	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)) Derivativo	e		Secur	ities	(Instr. 5)
	Derivative				Securities	;		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration	m: .1	or	
						Exercisable	Date		Number	
				G 1 1	7 (A) (B)				of	
				Code \	V(A) (D)				Shares	

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Reporting Owners

Reporting Owner Name / Address Relationships

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

02/05/2008

**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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on October 31, 2007.

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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