Misra Mohan Form 4 March 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, 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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Misra Mohan

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

Ascent Solar Technologies, Inc.

[ASTI]

(Check all applicable)

Chief Strategy Officer

(First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year) 03/03/2008

_X__ 10% Owner _X_ Director __Other (specify X_ Officer (give title below)

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

Person

LITTLETON, CO 80127

(City)	(State) (Z	Table	I - Non-De	erivative S	Securit	ties Acqu	ired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securion(A) or D (Instr. 3,	(A)	d of (D)	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 Indirect Beneficial Ownership (Instr. 4)
Commmo Stock	n 03/03/2008		S(1)	300	D	\$ 14.64	382,200 (2)	D	
Common Stock	03/03/2008		S <u>(1)</u>	300	D	\$ 14.66	381,900 (2)	D	
Common Stock	03/03/2008		S <u>(1)</u>	100	D	\$ 14.68	381,800 (2)	D	
Common Stock	03/03/2008		S <u>(1)</u>	1,200	D	\$ 14.75	380,600 (2)	D	
	03/03/2008		S <u>(1)</u>	300	D		380,300 (2)	D	

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Common Stock					\$ 14.77			
Common Stock	03/03/2008	S(1)	300	D	\$ 14.9	380,000 (2)	D	
Common Stock						830,000	I	By ITN Energy Systems, Inc. (3)

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

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(9-02)

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)	4. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
			Code V	4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting 0 mer rume, rumess	Director	10% Owner	Officer	Other			
Misra Mohan C/O ASCENT SOLAR TECHNOLOGIES, INC. 8120 SHAFFER PARKWAY LITTLETON, CO 80127	X	Х	Chief Strategy Officer				
Signatures							
David C. Wang, as attorney-in-fact for Mohan Misra	03/05	/2008					
**Signature of Reporting Person	Da	te					

Reporting Owners 2 Edgar Filing: Misra Mohan - Form 4

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 June 26, 2007.
- (2) Dr. Misra also holds vested options to purchase 25,000 shares of common stock that expire on November 18, 2015.
- Dr. Misra indirectly owns 842,000 shares held by ITN Energy Systems, Inc., which is 100% owned by Inica, Inc., a Colorado corporation that is wholly owned by Dr. Misra and an immediate family member.

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.