

Nath Prem
 Form 4
 November 19, 2008

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 *
 Nath Prem

2. Issuer Name and Ticker or Trading Symbol
 Ascent Solar Technologies, Inc.
 [ASTI]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 ___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Sr Vice Pres of Manufacturing

(Last) (First) (Middle)
 ASCENT SOLAR
 TECHNOLOGIES, INC., 8120
 SHAFFER PARKWAY
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
 11/19/2008

LITTLETON, CO 80127
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)		
				(A) or (D)	Price				
				Code	V	Amount			
Common Stock	11/19/2008		P		800	A	\$ 3.39	5,800 ⁽¹⁾	D
Common Stock	11/19/2008		P		1,100	A	\$ 3.43	6,900 ⁽¹⁾	D
Common Stock	11/19/2008		P		234	A	\$ 3.47	7,134 ⁽¹⁾	D
Common Stock	11/19/2008		P		300	A	\$ 3.48	7,434 ⁽¹⁾	D
	11/19/2008		P		2,566	A		10,000 ⁽¹⁾	D

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Common Stock \$ 3.49

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 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. Transaction Code (Instr. 8)	5. Number of 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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 3)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Nath Prem
 ASCENT SOLAR TECHNOLOGIES, INC.
 8120 SHAFFER PARKWAY
 LITTLETON, CO 80127

Sr Vice Pres of Manufacturing

Signatures

David C. Wang, as attorney-in-fact for Prem Nath 11/19/2008

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) Dr. Nath also holds the following securities: vested options to purchase 33,333 shares of common stock that expire on July 31, 2016; vested options to purchase 6,000 shares of common stock that expire on December 3, 2017; unvested options to purchase 33,334 shares of common stock that expire July 31, 2016; and unvested options to purchase 6,000 shares of common stock that expire on December 3, 2017.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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