KUMAR AMIT Form 4 April 02, 2009

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

if no longer subject to Form 4 or

Check this box

January 31, Expires: 2005

Section 16. Form 5

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

Estimated average burden hours per

obligations may continue. See Instruction

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

0.5 response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

KUMAR AMIT

Symbol

(Check all applicable)

Ascent Solar Technologies, Inc. [ASTI]

(Last)

(Middle)

3. Date of Earliest Transaction

X_ Director 10% Owner

(Month/Day/Year)

03/31/2009

Officer (give title

Other (specify

C/O COMBIMATRIX CORPORATION, 6500 HARBOUR HEIGHTS PARKWAY, SUITE 303

(First)

(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

MUKILTEO, WA 98275

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

1.Title of Security (Instr. 3)

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

3. Code

(Instr. 8)

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

5. Amount of Securities Beneficially Owned

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

(Instr. 4)

(Instr. 4)

D

Following Reported

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

7,506

Common Stock

03/31/2009

Code V Amount Price (D) M 3,523 (1)

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

(Month/Day/Year)

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)

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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. Transact Code (Instr. 8)	5. Number tion 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. Pr Deri Secu (Inst
				Code V	/ (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	<u>(1)</u>	03/31/2009		M	3,523	(2)	(2)	Common Stock	3,523	

Reporting Owners

Reporting Owner Name / Address	Director	10%	Officer	Other		

KUMAR AMIT C/O COMBIMATRIX CORPORATION 6500 HARBOUR HEIGHTS PARKWAY, SUITE 303 MUKILTEO, WA 98275



Relationships

Owner

Signatures

David C. Wang, as attorney-in-fact for Amit Kumar 04/02/2009

**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 restricted stock units vest in the following amounts on the following dates: 25% on March 31, 2009; 25% on June 30, 2009; 25% on September 30, 2009; and 25% on December 31, 2009.
- (3) Dr. Kumar also holds vested options to purchase 5,000 shares of common stock that expire on June 30, 2017.

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