

Gallery Stanley  
Form 4  
January 05, 2010

**FORM 4**

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

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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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2005  
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response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Gallery Stanley

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

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/31/2009

☒ Director ☐ 10% Owner  
☐ Officer (give title below) ☐ Other (specify  
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)  
☒ Form filed by One Reporting Person  
☐ Form filed by More than One Reporting  
Person

LITTLETON, CO 80127

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Ownership<br>(Instr. 4) |
|---------------------------------------|---|---|--------------------------|--|--|--|---|
|                                       |   |   |                          | (A)<br>or<br>(D)<br>Code V Amount (D) Price                                |  |  |   |
| Common<br>Stock                       | 12/31/2009                              |   | M <sup>(1)</sup>         | 4,055 A  | 127,711  | D  |   |

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

**Persons who respond to the collection of  
information contained in this form are not  
required to respond unless the form  
displays a currently valid OMB control  
number.**

SEC 1474  
(9-02)

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

## Edgar Filing: Gallery Stanley - Form 4

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code<br>(Instr. 8) | 5. Number of<br>Derivative<br>Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4, and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |              | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) |                    |                 |                                     |
|---|---|---|---|---|--|--|--------------|---|--------------------|-----------------|-------------------------------------|
|   |   |   |   | Code                                    | V  | (A)  | (D)          | Date<br>Exercisable   | Expiration<br>Date | Title           | Amount<br>or<br>Number<br>of Shares |
| Restricted<br>Stock<br>Units                        | (1)   | 12/31/2009                              |   | M                                       | (1)  |  | 4,055<br>(1) | (1)   | (1)                | Common<br>Stock | 4,055<br>(1)                        |
| Restricted<br>Stock<br>Units                        | (3)   | 01/01/2010                              |   | A                                       |  | 11,508   |              | (3)   | (3)                | Common<br>Stock | 11,508                              |

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director    10% Owner    Officer    Other

Gallery Stanley  
C/O ASCENT SOLAR TECHNOLOGIES, INC.  
8120 SHAFFER PARKWAY  
LITTLETON, CO 80127

X

## Signatures

David C. Wang, as attorney-in-fact for Stanley  
Gallery

01/04/2010

                    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) Represents restricted stock units that vested on December 31, 2009. Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.
- (2) In addition to the restricted stock units, Mr. Gallery holds vested options to purchase 8,000 shares of common stock that expire on November 18, 2015.
- (3) These newly granted restricted stock units vest quarterly in 2010. Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.

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.