Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| wasnington, | D.C. | 20549 | |
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| STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP |
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OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* WERNER THOMAS H | | | | | | | | | ORP [| | | | k all applic | able) | g Pers | on(s) to issu 10% Ow | | | |
|--|---|--|---|-------------|------------------------------|---|--------|--------|------------------------------------|------------------|------------------------------------|---|----------------|---------------------------------|---|---|------------|--|---------------------------------------|
| (Last) (First) (Middle) C/O SUNPOWER CORPORATION 3939 NORTH FIRST STREET | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 02/11/2010 | | | | | | | | | | (give title | utive | Other (s below) | |
| (Street) SAN JOS | SE CA | A | 95134 (Zip) | | - 4. li | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Ind Line) | Form fi | Joint/Group Filing (Check Applicable illed by One Reporting Person illed by More than One Reporting | | | |
| 1. Title of | Security (Inst | | le I - No | n-Deriv | | | 2A. De | emed | 3. | | 4. Securit | ties Acqu | ired (A |) or | 5. Amou | nt of | | vnership | 7. Nature of Indirect |
| | | | (Month/Day/Year) | | ar) | Execution Date, if any (Month/Day/Year) | | Code (| Transaction Code (Instr. 8) | | Disposed Of (D) (Instr. 3, 4 5) | | 4 anu | Benefici Owned F Reported | Beneficially Owned Following Reported | | r Indirect | Beneficial Ownership (Instr. 4) | |
| | | | | | | | | | Code | ٧ | Amount | (A) (D) | or P | rice | Transact (Instr. 3 | and 4) | | \longrightarrow | |
| | Common Sto | | | | 1/2010 | | | | M | | 16,66 | | - | \$0 | 1 | | | | |
| Class A C | Common Sto | | Гable II - | Deriva | | Sec | | | | | | or Be | nefic | | | ,285 | | D | |
| Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution I if any (Month/Day | ed Date, | 4. Transa Code (8) | ction | ı of | | 6. Date E Expiratio (Month/D | xercis n Date | able and | 7. Title and Amou of Securities Underlying Derivative Securi (Instr. 3 and 4) | | nount | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4) | e | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) |
| | | | | | Code | v | (A) | (D) | Date Exercisal | | Expiration Date | Title | or Nu of | mber ares | nber | | | | |
| Restricted Stock | (1) | 02/11/2010 | | | M | | | 16,666 | (2) | | (2) | Class A | | ,666 | \$0 | 33,334 | 4 | D | |

Explanation of Responses:

- 1. Each RSU represents a contingent right to receive one share of the Issuer's Class A Common Stock upon vesting.
- 2. The RSUs shall vest in three equal installments on each of February 11, 2010, February 11, 2011 and February 11, 2012.

Remarks:

(RSUs)

Donald T. Rozak, Jr., CP, as attorney-in-fact for Thomas H. 02/16/2010 Werner

** Signature of Reporting Person Date

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

- * 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).

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

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 Number.