Wenger Howard Form 4 February 02, 2009

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

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

obligations may continue. See Instruction 1(b).

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)

(Last)

1. Name and Address of Reporting Person * Wenger Howard

2. Issuer Name and Ticker or Trading Symbol

SUNPOWER CORP [SPWRA]

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

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

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(Check all applicable)

C/O SUNPOWER CORPORATION, 3939 NORTH FIRST STREET

(First)

(Middle)

01/29/2009

Director 10% Owner _X__ Officer (give title Other (specify

below) President, Global Bus. Units

(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

SAN JOSE, CA 95134

(City)	(State)	(Zip) 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 on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)		
Class A Common Stock	01/31/2009		M	3,569	A	\$ 0	64,574	D	
Class A Common Stock	02/02/2009		F	1,276	D	\$ 31.88	63,298	D	
Class A Common Stock	01/31/2009		M	1,333	A	\$ 0	64,631	D	
Class A	02/02/2009		F	477	D	\$	64,154	D	

Common Stock

31.88

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and L Underlying S (Instr. 3 and
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title
Performance-Based Restricted Stock Units (PSUs)	(1)	01/29/2009		A	10,707	(2)	(2)	Class A Common Stock
Performance-Based Restricted Stock Units (PSUs)	(1)	01/31/2009		M	3,569	(2)	(2)	Class A Common Stock
Restricted Stock Units (RSUs)	(3)	01/31/2009		M	1,333	<u>(4)</u>	<u>(4)</u>	Class A Common Stock

Relationshine

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
Wenger Howard C/O SUNPOWER CORPORATION 3939 NORTH FIRST STREET SAN JOSE, CA 95134			President, Global Bus. Units				
Signatures							
Donald T. Rozak, Jr., CP, as attorney-in Wenger	n-fact for Howa	ard	02/02/2009				
**Signature of Reporting Pers	on		Date				

Reporting Owners 2

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 PSU represents a contingent right to receive one share of the Issuer's Class A Common Stock upon vesting.
- On January 31, 2008, Reporting Person was awarded a number of PSUs within a preset range, with the actual number contingent upon the achievement of certain performance criteria. The Compensation Committee of the Issuer?s Board of Directors confirmed achievement of the performance criteria on January 29, 2009 and, based on that assessment, determined the number of PSUs. The PSUs shall vest in three equal installments on each of January 31, 2009, January 31, 2010 and January 31, 2011.
- (3) Each RSU represents a contingent right to receive one share of the Issuer's Class A Common Stock upon vesting.
- (4) The PSUs shall vest in three equal installments on each of January 31, 2009, January 31, 2010 and January 31, 2011.

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.