Wenger Howard Form 4 June 08, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

Person

3235-0287

OMB APPROVAL

Expires:

January 31, 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Wenger Howard Issuer Symbol SUNPOWER CORP [SPWR] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Officer (give title Other (specify C/O SUNPOWER 02/17/2012 below) CORPORATION, 77 RIO ROBLES President, Regions (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) 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)	Code (Instr.	8)	4. Securit onor Dispos (Instr. 3, 4	ed of (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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/17/2012		G	V	5,072	A	\$ 0	5,072	I	Held in Trust - The H&L Wenger 2002 Family Trust UAD 06/21/02
Common Stock	02/17/2012		G	V	5,072	D	\$ 0	63,725	D	

Common Stock 06/06/2012 P 20,013 A \$ 25,085 I Wenger 2002 Family Trust UAD

(1)

06/21/02

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Held in Trust -

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

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SEC 1474

(9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ite	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)
	Derivative				Securities			(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or Number	
						Exercisable Date		of		
				Code V	(A) (D)				Shares	
				Code v	(A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Wenger Howard

C/O SUNPOWER CORPORATION

77 RIO ROBLES SAN JOSE, CA 95134 President, Regions

Signatures

/s/ Jia Liu as attorney-in-fact for Howard
Wenger 06/08/2012

**Signature of Reporting Person 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) Shares held of record by The H&L Wenger 2002 Family Trust UAD 06/21/02 (the "Trust") of which Mr. Wenger and his wife are co-trustees. Each trustee has independent control and voting power over the Trust.
- Price reflects weighted average purchase price; actual purchase prices ranged from \$4.85 to \$5.00. The reporting person undertakes to provide, upon request by the Commission staff, the Issuer, or a security holder of the Issuer, full information regarding the number of shares purchased at each separate price.

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.