

SECURITIES AND EXCHANGE COMMISSION

FORM 4

Statement of changes in beneficial ownership of securities

Filing Date: **2009-01-26** | Period of Report: **2008-10-27**

SEC Accession No. **0001144204-09-003343**

([HTML Version](#) on [secdatabase.com](#))

ISSUER

Solar Thin Films, Inc.

CIK: **859792** | IRS No.: **954359228** | State of Incorpor.: **DE** | Fiscal Year End: **1231**
SIC: **5082** Construction & mining (no petro) machinery & equip

Mailing Address
*108 VILLAGE SQUARE
SUITE #327
SOMERS NY 10589*

Business Address
*108 VILLAGE SQUARE
SUITE #327
SOMERS NY 10589
6312542136*

REPORTING OWNER

MAITLAND GARY

CIK: **1449340**
Type: **4** | Act: **34** | File No.: **001-13549** | Film No.: **09544221**

Mailing Address
*SOLAR THIN FILMS INC
116 JOHN STREET
NEW YORK NY 10038*

Business Address
212 629 4970

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
 Expires: 02/28/2011
 Estimated average burden
 hours per response 0.5

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

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. Name and Address of Reporting Person MAITLAND GARY			2. Issuer Name and Ticker or Trading Symbol Solar Thin Films, Inc. [SLTN.OB]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 10/27/2008			6. Individual or Joint/Group Filing (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person		
C/O SOLAR THIN FILMS INC, 25 HIGHLAND BLVD			4. If Amendment, Date Original Filed(Month/Day/Year)					
(Street) DIX HILLS, NY 11746								
(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 (A) or Disposed of (D) (Instr. 3, 4 and 5)		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)
			Code	V	Amount	(A) or (D)			

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. Transaction Code (Instr. 8)		5. Number 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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (right to buy)	\$0.42	10/27/2008		J	(I)	250,000		(2)	10/27/2013	Common Stock	250,000	\$ 0	250,000	D	

Explanation of Responses:

- Represents options to purchase shares of common stock issued to the Reporting Person as compensation for services performed on behalf of the Issuer in his capacity as a director.
- Includes options to purchase: (i) 83,333 shares of common stock vesting on October 27, 2009; (ii) 83,333 shares of common stock vesting on October 27, 2010; and (iii) 83,334 shares of common stock vesting on October 27, 2011.

Signatures

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.