Ahearn Michael J Form 4 February 24, 2010

FORM 4

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

OMB APPROVAL OMB 3235-0287

Number: Expires:

January 31,

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

2005 Estimated average burden hours per 0.5 response...

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

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 Ad Ahearn Mich	•	rting Person *	2. Issuer Name and Ticker or Trading Symbol FIRST SOLAR, INC. [FSLR]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
C/O FIRST S WEST WAS SUITE 600	· ·		(Month/Day/Year) 02/22/2010	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Executive Chairman			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
TEMPE, AZ	85281-1244	1	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Ac	quired, Disposed of, or Beneficially Owne			

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative S	Securi	ties Acquii	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities oner Dispose (Instr. 3, 4	d of (L	O)	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	02/22/2010		S	44,634	D	\$ 110.88 (1) (6)	3,029,205	I	By Michael J. Ahearn 2006 GRAT
Common Stock	02/22/2010		S	91,290	D	\$ 112.18 (2) (6)	2,937,915	I	By Michael J. Ahearn 2006 GRAT
	02/22/2010		S	194,903	D		2,743,012	I	

Common Stock					\$ 112.89 (3) (6)			By Michael J. Ahearn 2006 GRAT
Common Stock	02/22/2010	S	154,981	D	\$ 113.91 (4) (6)	2,588,031	I	By Michael J. Ahearn 2006 GRAT
Common Stock	02/22/2010	S	64,192	D	\$ 114.69 (5) (6)	2,523,839	I	By Michael J. Ahearn 2006 GRAT
Common Stock	02/23/2010	S	147,700	D	\$ 106.01 (7) (12)	2,376,139	I	By Michael J. Ahearn 2006 GRAT
Common Stock	02/23/2010	S	136,248	D	\$ 106.57 (8) (12)	2,239,891	I	By Michael J. Ahearn 2006 GRAT
Common Stock	02/23/2010	S	49,880	D	\$ 107.43 (9) (12)	2,190,011	Ι	By Michael J. Ahearn 2006 GRAT
Common Stock	02/23/2010	S	64,972	D	\$ 108.55 (10) (12)	2,125,039	I	By Michael J. Ahearn 2006 GRAT
Common Stock	02/23/2010	S	1,200	D	\$ 109.27 (11) (12)	2,123,839	I	By Michael J. Ahearn 2006 GRAT
Common Stock	02/24/2010	S	75,790	D	\$ 104.18 (13) (17)	2,048,049	I	By Michael J. Ahearn 2006 GRAT
	02/24/2010	S	205,674	D		1,842,375	I	

Common Stock					\$ 105.29 (14) (17)			By Michael J. Ahearn 2006 GRAT
Common Stock	02/24/2010	S	57,429	D	\$ 106.15 (15) (17)	1,784,946	I	By Michael J. Ahearn 2006 GRAT
Common Stock	02/24/2010	S	11,107	D	\$ 107.24 (16) (17)	1,733,839	I	By Michael J. Ahearn 2006 GRAT
Common Stock						7,838	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)

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

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 Exer	cisable and	7. Tit	le and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration D	ate	Amou	unt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ	re		Secur	rities	(Instr. 5)
	Derivative				Securities	8		(Instr	. 3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amaunt	
									Amount	
						Date	Expiration	Title	or Number	
						Exercisable	Date	Title	of	
				Code	(A) (D)				Shares	
				Code	V (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address	retutionships						
	Director	10% Owner	Officer	Other			
	X		Executive Chairman				

Reporting Owners 3

Ahearn Michael J C/O FIRST SOLAR, INC. 350 WEST WASHINGTON STREET SUITE 600 TEMPE, AZ 85281-1244

Signatures

/s/ Peter C. Bartolino, Attorney-in-fact

02/24/2010

**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) This transaction was executed in multiple trades at prices ranging from \$110.46 to \$111.40. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- This transaction was executed in multiple trades at prices ranging from \$111.50 to \$112.49. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (3) This transaction was executed in multiple trades at prices ranging from \$112.50 to \$113.44. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (4) This transaction was executed in multiple trades at prices ranging from \$113.50 to \$114.45. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (5) This transaction was executed in multiple trades at prices ranging from \$114.50 to \$114.81. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- A total of 550,000 shares were sold on this date in multiple transactions at prices ranging from \$110.46 to \$114.81, with a total weighted average price of \$113.10. The reporting person undertakes to provide upon request by the staff of the SEC, the Issuer, or a security holder of the Issuer, full information regarding the number of shares sold at each separate price.
- (7) This transaction was executed in multiple trades at prices ranging from \$105.18 to \$106.17. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (8) This transaction was executed in multiple trades at prices ranging from \$106.18 to \$107.16. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (9) This transaction was executed in multiple trades at prices ranging from \$107.17 to \$108.15. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (10) This transaction was executed in multiple trades at prices ranging from \$108.16 to \$109.15. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (11) This transaction was executed in multiple trades at prices ranging from \$109.15 to \$109.59. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- A total of 400,000 shares were sold on this date in multiple transactions at prices ranging from \$105.18 to \$109.59, with a total weighted (12) average price of \$106.80. The reporting person undertakes to provide upon request by the staff of the SEC, the Issuer, or a security holder of the Issuer, full information regarding the number of shares sold at each separate price.
- (13) This transaction was executed in multiple trades at prices ranging from \$104.00 to \$104.49. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (14) This transaction was executed in multiple trades at prices ranging from \$105.00 to \$105.99. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (15) This transaction was executed in multiple trades at prices ranging from \$106.00 to \$106.52. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (16) This transaction was executed in multiple trades at prices ranging from \$107.07 to \$107.39. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (17) A total of 350,000 shares were sold on this date in multiple transactions at prices ranging from \$104.00 to \$107.39, with a total weighted average price of \$105.25. The reporting person undertakes to provide upon request by the staff of the SEC, the Issuer, or a security

Signatures 4

holder of the Issuer, full information regarding the number of shares sold 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.