Sohn Bruce Form 4 April 29, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

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OMB APPROVAL

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

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)

See Instruction

1. Name and Add Sohn Bruce	ress of Report	ting Person *	2. Issuer Name and Ticker or Trading Symbol FIRST SOLAR, INC. [FSLR]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
C/O FIRST SOLAR, INC., 350 WEST WASHINGTON STREET SUITE 600			(Month/Day/Year) 04/27/2010	Director 10% Owner X Officer (give title Other (specify below) President			
(Street)			4. If Amendment, Date Original 6. Individual or Joint/Group				
TEMPE, AZ 8	35281-1244		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Benefit								y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			d of (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	04/27/2010		M	2,410 (1)	A	\$0	19,791	D	
Common Stock	04/27/2010		F	747 (2)	D	\$ 128.36	19,044	D	
Common Stock	04/28/2010		M	1,583 (3)	A	\$0	20,627	D	
Common Stock	04/28/2010		F	646 (2)	D	\$ 128.13	19,981	D	

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 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. Transactic Code (Instr. 8)	5. Number action Derivative Securities 8) 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 Underlying Securities (Instr. 3 and 4)		8. Pr Deriv Secu (Inst
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	<u>(4)</u>	04/27/2010		M		2,410	<u>(5)</u>	<u>(5)</u>	Common Stock	2,410	\$
Restricted Stock Units	<u>(4)</u>	04/28/2010		M		1,583	<u>(6)</u>	<u>(6)</u>	Common Stock	1,583	\$

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Sohn Bruce

C/O FIRST SOLAR, INC.

350 WEST WASHINGTON STREET SUITE 600

President

TEMPE, AZ 85281-1244

Signatures

/s/ Peter C. Bartolino, Attorney-in-fact 04/29/2010

**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) Represents shares of common stock issued upon vesting of 20% of the restricted stock units granted on April 27, 2009.
- (2) Represents shares of common stock withheld by the Issuer to satisfy certain tax withholding obligations associated with the vesting of the restricted stock units.

Reporting Owners 2

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- (3) Represents shares of common stock issued upon vesting of 20% of the restricted stock units granted on April 28, 2008.
- (4) Each restricted stock unit represents the right to receive, following vesting, one share of First Solar, Inc. common stock.
 - The restricted stock units were granted on April 27, 2009 as part of the Issuer's annual equity grant to executive officers. These units are
- (5) scheduled to vest annually at a rate of 20% on each of the first three anniversaries of the grant date, and 40% on the fourth anniversary of the grant date.
- The restricted stock units were granted on April 28, 2008 as part of the Issuer's annual equity grant to executive officers. These units are scheduled to vest annually at a rate of 20% on each of the first three anniversaries of the grant date, and 40% on the fourth anniversary of the grant date.

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.