Eaglesham David J Form 4 August 03, 2010

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 obligations may continue. See Instruction 1(b).

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

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)

TEMPE, AZ 85281

OMB APPROVAL

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1. Name and Address of Reporting Person ** Eaglesham David J			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			FIRST SOLAR, INC. [FSLR]	(Check all applicable)		
(Last) (First) (Middle		(Middle)	3. Date of Earliest Transaction			
			(Month/Day/Year)	Director 10% Owner		
C/O FIRST SOLAR, INC., 350			07/30/2010	_X_ Officer (give title Other (specify		
WEST WASHINGTON STREET, SUITE 600		TREET,		below) below) Chief Technology Officer		
	(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		
TEMPE A79	35281			Form filed by More than One Reporting		

Person

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	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. 4. Securities Acquired (A) Transactionor Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of 6. Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)	(22322-1)	
Common Stock	07/30/2010		M	1,100 (1)	A	\$ 0	3,044	D	
Common Stock	07/30/2010		F	462 (2)	D	\$ 125.45	2,582	D	
Common Stock	08/02/2010		M(3)	10,881	A	\$ 20	13,463	D	
Common Stock	08/02/2010		S(3)	2,500	D	\$ 125.87 (4) (7)	10,963	D	
	08/02/2010		S(3)	8,081	D		2,882	D	

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Common Stock					\$ 126.47 (5) (7)		
Common Stock	08/02/2010	S(3)	300	D	\$ 127.24 (6) (7)	2,582	D

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

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 $\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

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)		rDerivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Restricted Stock Units	<u>(8)</u>	07/30/2010		M	1,100	<u>(9)</u>	<u>(9)</u>	Common Stock	1,1
Non-Qualified Stock Options (Right to Buy)	\$ 20	08/02/2010		M	10,881	(10)	11/16/2013	Common Stock	10,8

Reporting Owners

Reporting Owner Name / Address	Relationships						
coporting of marinimo, reduces	Director	10% Owner	Officer	Other			
Eaglesham David J C/O FIRST SOLAR, INC. 350 WEST WASHINGTON STREET, SUITE 600 TEMPE, AZ 85281			Chief Technology Officer				

Signatures

/s/ Peter C. Bartolino, Attorney-in-fact	08/03/2010		
**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) Represents shares of common stock issued upon vesting of 20% of the restricted stock units granted on July 30, 2007.
- (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.
- (3) This transaction was effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- (4) This transaction was executed in multiple trades at prices ranging from \$125.17 to \$126.16. 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 \$126.17 to \$127.07. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- (6) This transaction was executed in multiple trades at prices ranging from \$127.18 to \$127.34. The price reported above reflects the weighted average sale price for the transactions reported on this line.
- A total of 10,881 shares were sold on this date in multiple transactions at prices ranging from \$125.17 to \$127.34, with a total weighted average sale price of \$126.36. 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.
- (8) Each restricted stock unit represents the right to receive, upon vesting, one share of the Issuer's common stock in accordance with the Issuer's Amended and Restated 2006 Omnibus Incentive Plan.
- The restricted stock units were granted on July 30, 2007 as part of the Issuer's annual equity grant to executive officers. The units are scheduled to vest annually from the grant date at a rate of 20% on each of the first three anniversaries of the grant date, with the remaining 40% scheduled to vest on the fourth anniversary of the grant date.
- (10) The option was granted on November 16, 2006. The option becomes exercisable with respect to 3,627 shares monthly until June 1, 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.