Instruction 1(b).

FORM 4

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* SMITH SEAN T | | | | | | 2. Issuer Name and Ticker or Trading Symbol PHOTRONICS INC [PLAB] | | | | | | | | | k all applic Directo | ector | | 10% Ow | /ner | |
|--|---|--|---|---------|---|---|----------|-------------------------------------|--|---------|--|--|-----------------------------------|---|---|---|---------------------------------|--|---|--|
| (Last) (First) (Middle) 15 SECOR ROAD | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 12/10/2010 | | | | | | | | | below) | ficer (give title low) enior Vice Presio | | Other (s below) ent & CFC | · | | |
| (Street) BROOKFIELD CT 06804 (City) (State) (Zip) | | | | | 4.1 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | ine) X | · . | | | | | |
| | | Tak | le I - Nor | ı-Deriv | vativ | e Se | curities | s Acc | quired, [| Disp | osed o | f, or Be | nefici | ally | Owned | | | | | |
| 1. Title of Security (Instr. 3) 2. Trans: Date (Month/L | | | | | ear) | 2A. Deemed Execution Date, if any (Month/Day/Year) | | Transaction Disp Code (Instr. 5) | | Dispose | urities Acquired (A) or ed Of (D) (Instr. 3, 4 an | | | 5. Amour Securitie Beneficia Owned F | s illy ollowing | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | | | | Code | v | Amount | (A) o (D) | r Pric | е | Transact (Instr. 3 a | ion(s) | | | (1130.4) | | |
| Common Stock 12/10/ | | | | | | /2010 | | | A | | 12,50 | 0 A | \$ | S <mark>O</mark> | 75,056 | | | D | | |
| | | | Table II - | | | | | | uired, Di , options | | | | | | wned | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemee Execution I if any (Month/Day | Date, | 4. Transa Code (8) | | of | | 6. Date Exercisal Expiration Date (Month/Day/Year) | | | nd 7. Title and of Securitie Underlying Derivative 9 (Instr. 3 and | | 5 | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4) | | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership t (Instr. 4) | |
| | | | | | Code | v | (A) | | Date Exercisable | | xpiration ate | Title | Amou or Numb of Share | er | | | | | | |
| Stock Options (Right to | \$6.71 | 12/10/2010 | | | A | | 25,000 | | (1) | 1 | 2/10/2020 | Common Stock | 25,00 | 00 | \$6.71 | 25,00 | 0 | D | | |

Explanation of Responses:

1. The stock options vest 25% over 4 years on the anniversary date of the grant.

/s/ Richelle E. Burr, attorneyin-fact for Sean T. Smith

12/13/2010

** Signature of Reporting Person

Date

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.