FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL |
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OMB Number: 3235-0287 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 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* BARGER DONALD G JR | | | | | 2. Issuer Name and Ticker or Trading Symbol Quanex Building Products CORP [NX] | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|---|-------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|--|
| DAKG | EK DUN | ALD G JK | | | | | | | | | | | X | Director | | | 10% Ow | ner | |
| (Last) (First) (Middle) 1900 WEST LOOP SOUTH SUITE 1500 | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 08/26/2010 | | | | | | | | | Officer (give title Other (speci below) below) | | | | pecify | |
| | | | | 4 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable | | | | | |
| (Street) HOUSTON TX 7702 | | | 77027 | | | | | | | | Line) | • | | | | | | | |
| (City) | (S | state) | (Zip) | | | | | | | | | | | | | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Trans: Date (Month/L | | | | | | 2A. Deemed Execution Date, if any (Month/Day/Year | | Transaction Dispose Code (Instr. | | ities Acquired (A) or d Of (D) (Instr. 3, 4 and 5) | | or 4 and 5) | 5. Amount Securities Beneficiall Owned Fol | Form (D) or | | Direct Indirect Etr. 4) | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | Code | v | Amount | (A) (D) | or F | Price | Reported Transactio (Instr. 3 an | | | | Instr. 4) | |
| | | | Table II - De | | | curities Ils, warr | | | | | | | | wned | | | | | |
| 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) | Code (Instr. | | 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) | | rlying | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) | | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | Code | v | (A) | | Date Exercisabl | | xpiration ate | Title | | ount or ober of res | | (Instr. 4) | | | | |
| Phantom Stock Units ⁽³⁾ | (1) | 08/26/2010 | | A | | 1,121.076 | | (2) | | (2) | Common Stock | 1,12 | 21.076 | \$15.61 | 54,245.8 | 458 ⁽⁴⁾ | D | | |

Explanation of Responses:

- 1. Conversion price is 1-for-1.
- 2. Units credited under the Deferred Compensation Plan are 100% vested unless they are a result of the company's 20% matching award which vest 3 years from the date of deferral. Distributions under the Deferred Compensation Plan are made beginning on a specified date selected by the participant or upon a participant's death, disability, or termination of employment.
- 3. Units that are credited to the participant's account under the Deferred Compensation Plan as a result of deferral of Director Compensation.
- $4. \ Reflects\ 122.6185\ shares\ acquired\ as\ a\ result\ of\ dividend\ reinvestment\ under\ the\ Deferred\ Compensation\ Plan$

/s/ Paul B. Cornett, Power of Attorney

08/30/2010

** 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.