

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* <u>Peffer Charles</u>			2. Issuer Name and Ticker or Trading Symbol <u>HD Supply Holdings, Inc. [HDS]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>05/17/2017</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
<u>3100 CUMBERLAND BLVD, SUITE 1480</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <u>ATLANTA GA 30339</u>								
(City) (State) (Zip)								

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
<u>Common Stock</u>	<u>05/17/2017</u>		<u>M⁽³⁾</u>		<u>3,612</u>	<u>A</u>	<u>\$39.51</u>	<u>17,725</u>	<u>D</u>	

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. Transaction Code (Instr. 8)		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)	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)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
<u>Restricted Stock Units</u>	<u>(1)</u>	<u>05/17/2017</u>		<u>A⁽²⁾</u>		<u>3,290</u>		<u>(2)</u>	<u>(2)</u>	<u>Common Stock</u>	<u>3,290</u>	<u>\$0</u>	<u>3,290</u>	<u>D</u>	
<u>Restricted Stock Units</u>	<u>\$39.51</u>	<u>05/17/2017</u>		<u>M⁽³⁾</u>		<u>3,612</u>		<u>(3)</u>	<u>(3)</u>	<u>Common Stock</u>	<u>3,612</u>	<u>\$0</u>	<u>0</u>	<u>D</u>	

Explanation of Responses:

- Each restricted stock unit represents a contingent right to receive one share of Company common stock.
- Grant of restricted stock units under the HD Supply Holdings, Inc. Omnibus Incentive Plan. The restricted stock units vest on the earliest of (1) the one-year anniversary of the grant date, (2) the next annual stockholders meetings, or (3) a change in control, and will be settled upon vesting unless the reporting person elects to defer settlement to a later date. A pro rata portion of the award vests upon termination of board service due to death, disability or age 75 retirement.
- Represents the settlement of restricted stock units in shares of Company common stock on their scheduled vesting date.

James F. Brumsey, Attorney-in-Fact for Charles W. Peffer 05/19/2017

** 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.