FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | |
|--------------------------|-----------|--|--|--|--|--|
| 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 * ALBERINI CARLOS | | | | | 2. Issuer Name and Ticker or Trading Symbol Restoration Hardware Holdings Inc [RH] | | | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------|-----------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------|------------------------------------|------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------|----------------------------|--|--|
| | 3. Date of Earliest Transaction (Month/Day/Year) 05/14/2015 | | | | | | | | | Officer (g | ive title | | (specify | | | | | | |
| (Last) | (First) | , | iddle) | ıc | 05/14/2 | .015 | | | | | | below) | | below) | | | | | |
| C/O RESTORATION HARDWARE HOLDINGS, INC. 15 KOCH ROAD, SUITE K | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | |
| | | | | | | | | | X | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | | | | |
| (Street) | | | | | | | | | | | | | | i omi me | a by More t | man One Repor | ang r croon | | |
| CORTE MADERA | CA | 94 | 925 | | | | | | | | | | | | | | | | |
| (City) | (State) | (Zi | p) | | | | | | | | | | | | | | | | |
| | | Та | ble I - No | n-Deri | ivative S | Secu | rities Acq | uired, | Disp | osed of, | or E | Benefi | cially Ow | ned | | | | | |
| 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 an | | | | Beneficially Owned Following Reported | | 6. Ownership Form: Direct (D or Indirect (I) (Instr. 4) | Beneficial Ownership | | | | |
| | Code | | | | | v | Amount | | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | | (Instr. 4) | | | | | |
| Common Stock | | | | | 5/14/2015 | | | S | | 6,755(1) | | D | \$88.34(2) | 228,686 | | D | | | |
| Common Stock | | | | 05/1 | 05/14/2015 | | | S | | 12,545(1) | | D | \$88.34(2) | 4,869 | | I | By Trust ⁽⁶⁾ | | |
| Common Stock | | | | | 05/14/2015 | | | S | | 245(1) | | D | \$88.95(3) | 228,441 | | D | | | |
| Common Stock 05/ | | | | | 4/2015 | | | S | | 455(1) | | D | \$88.95(3) | 4,414 | | I | By Trust ⁽⁶⁾ | | |
| Common Stock 05/1 | | | | | 15/2015 | | | S | | 945(1) | | D | \$88.6(4) | 227,496 | | D | | | |
| Common Stock 05/ | | | | | /15/2015 | | | S | | 1,755 ⁽¹⁾ D | | D | \$88.6(4) | 2,659 | | I | By Trust ⁽⁶⁾ | | |
| Common Stock 05/1 | | | | | 5/2015 | | S | | 1,432(1) | | D | \$89.47(5) | 226,064 | | D | | | | |
| Common Stock 05/3 | | | | | 5/2015 s | | S | | 2,659 ⁽¹⁾ D | | \$89.47(5) | 0 | | I | By Trust ⁽⁶⁾ | | | | |
| | | | | | | | ties Acqui | | | | | | | ed | | | | | |
| Derivative Conversion Security (Instr. 3) Or Exercise (Month/Day/Year) Execution (Month/Day/Year) | | 3A. Deemed Execution D if any (Month/Day/ | Date, Transact Code (In: | | | | 6. Date Exercisable Expiration Date (Month/Day/Year) | | ite | Securities Und | | derlying curity I) | 8. Price of Derivative Security (Instr. 5) | 9. Number or derivative Securities Beneficially Owned Following Reported Transactions | Ownersh Form: Direct (D) or Indirect (I) (Instr. | Beneficial Ownership t (Instr. 4) | | | |
| | | | | | Code V | (4 | A) (D) | Date Exercis | able | Expiration Date | or or opiration Nu | | Amount or Number of Shares | (Instr. 4) | | | | | |

Explanation of Responses

- 1. All of the transactions reported on this form were executed pursuant to a Rule 10b5-1 plan under the Securities Exchange Act of 1934, as amended.
- 2. This transaction was executed in multiple trades ranging from \$87.90 to \$88.79. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price within the ranges set forth in footnotes (2) through (5) to this Form 4.
- 3. This transaction was executed in multiple trades ranging from \$88.94 to \$88.95. The price reported above reflects the weighted average sale price.
- 4. This transaction was executed in multiple trades ranging from \$88.00 to \$88.97. The price reported above reflects the weighted average sale price.
- 5. This transaction was executed in multiple trades ranging from \$89.07 to \$89.85. The price reported above reflects the weighted average sale price.
- $6.\ By\ Carlos\ E.\ Alberini, as\ trustee\ of\ the\ Carlos\ E.\ Alberini\ Family\ Trust,\ dated\ November\ 1,\ 2012.$

Remarks:

/s/ Edward T. Lee as Attorney-In-

Fact

** 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.