| SEC Form 4 |  |
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## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Check this box if no longer subject to |
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| 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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden 0.5 hours per response:

| 1. Name and Address of Reporting Person*<br>CORDEIRO EDUARDO E                   |         |       | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br><u>CABOT CORP</u> [ CBT ] | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner |  |  |  |  |  |  |
|--|---------|-------|---|--|--|--|--|--|--|--|
| (Last) (First) (Middle)<br>C/O CABOT CORPORATION<br>TWO SEAPORT LANE, SUITE 1300 |         |       | 3. Date of Earliest Transaction (Month/Day/Year)<br>06/10/2016                  | X     Officer (give title Other (specify below)       Executive Vice President, CFO              |  |  |  |  |  |  |
|  |         |       | 4. If Amendment, Date of Original Filed (Month/Day/Year)                        | 6. Individual or Joint/Group Filing (Check Applicable<br>Line)                                   |  |  |  |  |  |  |
| (Street)<br>BOSTON   | MA      | 02210 |   | X Form filed by One Reporting Person<br>Form filed by More than One Reporting<br>Person          |  |  |  |  |  |  |
| (City)   | (State) | (Zip) |   | P 613011   |  |  |  |  |  |  |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |         |       |   |  |  |  |  |  |  |  |

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Code (Instr. |   | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 and 5) |               |       | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |
|---------------------------------|--|---|--------------|---|--|---------------|-------|---|---|---|
|                                 |  |   | Code         | v | Amount   | (A) or<br>(D) | Price | Transaction(s)<br>(Instr. 3 and 4)  |   | (Instr. 4)  |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year)        | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)     | Code (  |   | Derivative  |  | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year)  |   | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security<br>(Instr. 3 and 4)   |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported   | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4)  | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)   |
|---|---|---|---|---|---|--|---|---|--|---|--|--|---|--|
|   |   |   | Code  | v   | (A)   | (D)  | Date<br>Exercisable   | Expiration<br>Date  | Title  | Amount or<br>Number of<br>Shares  |  | (Instr. 4)   |   |  |
| (1)   | 06/10/2016  |   | A   |   | 102.6257  |  | (2)   | (2)   | Common<br>Stock  | 102.6257  | \$47.24  | 16,262.7577  | D   |  |
|   | or Exercise<br>Price of<br>Derivative<br>Security | Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security<br>3. Transaction<br>Date<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security<br>3. Transaction<br>Date<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>Code (<br>8)<br>Code (<br>8) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security<br>3. Transaction<br>Date<br>(Month/Day/Year)<br>3. Deemed<br>Execution Date,<br>(Month/Day/Year)<br>3. Transaction<br>Code (Instr.<br>8)<br>Code V<br>Code V | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security<br>3. Transaction<br>Date<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>3. Transaction<br>(Month/Day/Year)<br>3. Transaction<br>Code (Instr.<br>8)<br>Code (Instr.<br>8)<br>Code (Instr.<br>9)<br>Code (Instr.<br>9)<br>Code (D) (Inst<br>4 and 5)<br>Code (V (A) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security<br>3. Transaction<br>Date<br>(Month/Day/Year)<br>(Month/Day/Year)<br>3. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)<br>4. Transaction<br>Code (Instr.<br>8)<br>Code (Instr.<br>8)<br>Code (Instr.<br>8)<br>Code (Instr.<br>8)<br>Code (Instr.<br>8)<br>Code (Instr.<br>8)<br>Code (Instr.<br>9)<br>Code (Inst | 2. 3. Transaction<br>Date<br>Price of<br>Derivative<br>Security 3. Transaction<br>Date<br>(Month/Day/Year) 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) 5. Number of<br>Derivative<br>Security 5. Number of<br>Derivative<br>Securities 6. Date Exerci-<br>Expiration DE<br>Code (Instr.<br>8) 5. Number of<br>Derivative<br>Securities 6. Date Exerci-<br>Expiration DE<br>(Month/Day/Year)   0 0 0 0 0 0   0 0 0 0 0 0   0 0 0 0 0 0 | 2. 3. Transaction 3A. Deemed 4. 5. Number of 5. Number of   Conversion Date (Month/Day/Year) 3A. Deemed 4. 5. Number of   Derivative (Month/Day/Year) (Month/Day/Year) 4. 5. Number of   Derivative (Month/Day/Year) (Month/Day/Year) 6. Date Exercisable and   Securities (Month/Day/Year) 0. 0.   Derivative (Month/Day/Year) 0. 0.   V (A) (D) Date   Date Code V (A) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security 3. Transaction<br>Date<br>(Month/Day/Year) 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) 4.<br>Transaction<br>Code (Instr.<br>8) 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5) 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) 7. Title an<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5)   (1) 06/10/2016 A 102 6257 (2) (2) Common | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security   3. Transaction<br>Date<br>(Month/Day/Year)   3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)   4.<br>Transaction<br>(Month/Day/Year)   5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5)   6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year)   7. Title and Amount of<br>Security<br>(Instr. 3 and 4)     (I)   06/10/2016   A   102 6257   (2)   (2)   Common<br>(2)   Amount or<br>Number of<br>Shares | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security   3. Transaction<br>Date<br>(Month/Day/Year)   3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)   4.<br>Transaction<br>Code (Instr. 8)   5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5)   6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year)   7. Title and Amount of<br>Security<br>(Instr. 3 and 4)   8. Price of<br>Derivative<br>Security<br>(Instr. 5)     (1)   06/10/2016   A   102 6257   (2)   (2)   Common<br>102 6257   547.24 | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security   3. Transaction<br>Date<br>(Month/Day/Year)   3. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)   4.<br>Transaction<br>Date,<br>if any<br>(Month/Day/Year)   5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5)   6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year)   7. Title and Amount of<br>Security<br>(Instr. 3 and 4)   8. Price of<br>Derivative<br>Security<br>(Instr. 5)   9. Number of<br>derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5)   6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year)   7. Title and Amount of<br>Security<br>(Instr. 3 and 4)   8. Price of<br>Derivative<br>Security<br>(Instr. 5)   9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4)     (1)   0.06/10/2016   A   102 6257   (2)   (2)   Common   102 6257   \$47.24   16.262 7577 | Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security   Date<br>(Month/Day/Year)   Execution Date,<br>if any<br>(Month/Day/Year)   Transaction<br>Code<br>N   Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5)   Expiration Date<br>(Month/Day/Year)   Securities Underlying<br>Derivative Security<br>(Instr. 3)   Derivative<br>Securities<br>Derivative<br>Securities   Derivative<br>Securities   Ownership<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4)     (i)   06/10/2016   A   102 6257   (2)   (2)   Common<br>State   102 6257   \$47.24   16.262.7577   D |

Explanation of Responses:

1.1 for 1

2. Represents dividends paid on phantom stock units acquired under the Corporation's Supplemental 401(k) Plan and are to be settled upon the reporting person's retirement or other termination of employment. **Remarks:** 

By: Kristine L. Ouimet,

06/13/2016

from Eduardo E. Cordeiro \*\* Signature of Reporting Person

pursuant to a power of attorney

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.