**FORM 4**

UNITED STATES SECURITIES AND EXCHANGE COMMISSION 
Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 *

Vlahos Nikolaos A
(First)  (Middle)  (Last)  1221 BROADWAY
OAKLAND, CA 94612-1888

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [ CLX ]

3. Date of Earliest Transaction (MM/DD/YYYY)

3/1/2014

4. If Amendment, Date Original Filed

6. Individual or Joint/Group Filing (Check Applicable Line)

Form filed by One Reporting Person
Form filed by More than One Reporting Person

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

_____ Director
_____ 10% Owner
__ X ___ Officer (give title below)
____ Other (specify below)

SVP - Chief Customer Officer

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

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Trans. Date</th>
<th>2A. Deemed Execution Date, if any</th>
<th>3. Trans. Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed of (D)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>3/1/2014</td>
<td></td>
<td></td>
<td>F (1)</td>
<td>705,000.00</td>
<td>D</td>
<td>$87.2800</td>
</tr>
</tbody>
</table>

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

<table>
<thead>
<tr>
<th>1. Title of Derivate Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Trans Date</th>
<th>3A. Deemed Execution Date, if any</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</th>
<th>6. Date Exercisable and Expiration Date</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) under Rule 16a-2 (Instr. 4)</th>
<th>10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
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**Explanation of Responses:**
(1) Withholding of shares by the Company to satisfy tax obligations applicable to vesting of restricted stock.

(2) Includes 161 shares acquired during the fiscal year pursuant to a dividend reinvestment feature of the Company's Stock Incentive Plan.

**Reporting Owners**

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vlahos Nikolaos A 1221 BROADWAY OAKLAND, CA 94612-1888</td>
<td>Director 10% Owner Officer SVP - Chief Customer Officer</td>
</tr>
</tbody>
</table>

**Signatures**

By Angela Hilt, Attorney-in-Fact for 3/4/2014

**Signature of Reporting Person**

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).


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 control number.