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
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)

5/19/2015

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer

(Choice all applicable)

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

EVP-COO - Household

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

<table>
<thead>
<tr>
<th>1. Title of Security</th>
<th>2. Trans. Date</th>
<th>3. Trans. Code</th>
<th>4. Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction (s) (Instr. 3 and 4)</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>5/19/2015</td>
<td>M</td>
<td>12150.0000 A $68.1500</td>
<td>21904.3460</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>5/19/2015</td>
<td>S</td>
<td>11633.0000 D $110.0005 (1)</td>
<td>10271.3460</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td>6192.0000</td>
<td>I</td>
<td>By Trust</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$68.1500</td>
<td>5/19/2015</td>
<td>M</td>
<td>12150.0000</td>
<td>9/13/2012 9/13/2021</td>
<td>Common Stock 12150.0000</td>
<td>$0.0000 4050.0000</td>
<td>D</td>
<td>0.0000 4050.0000</td>
<td>D</td>
<td>0.0000 4050.0000</td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) This transaction was executed in multiple trades at prices ranging from $110.00 to $110.01. 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 and prices at which the transaction was effected.

Reporting Owners

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

Signatures

By Angela Hilt, Attorney-in-Fact for 5/21/2015
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.