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 ]

5. Relationship of Reporting Person(s) to Issuer

____ Director  ____ 10% Owner

X  ___ Officer (give title below)  ____ Other (specify below)

EVP-COO - Household

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

8/5/2015

4. If Amendment, Date Original Filed (MM/DD/YYYY)

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

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

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>V</th>
<th>Amount</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Price</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Form: Direct (D) or Indirect (I)</th>
<th>Nature of Indirect Beneficial Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/5/2015</td>
<td>M</td>
<td>10775.0000</td>
<td>A</td>
<td>$72.1100</td>
<td></td>
<td>21043.3460</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/5/2015</td>
<td>S</td>
<td>10310.0000</td>
<td>D</td>
<td>$117.5945 (1)</td>
<td></td>
<td>10733.3460</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td>6192.0000</td>
<td></td>
<td></td>
<td></td>
<td></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>Title of Derivative Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>V</th>
<th>Amount</th>
<th>Derivative Securities Acquired (A) or Disposed of (D)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Derivative Security (Instr. 5)</th>
<th>Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$72.1100</td>
<td>8/5/2015</td>
<td>M</td>
<td>10775.0000</td>
<td>A</td>
<td>9/11/2013 9/11/2022 Common Stock</td>
<td>10775.0000</td>
<td>$0.0000</td>
<td>10775.0000</td>
<td>D</td>
<td>11. Nature of Indirect Beneficial Ownership (Instr. 4)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) This transaction was executed in multiple trades at prices ranging from $117.38 to $117.73. 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>
</tbody>
</table>

EVP-COO - Household

Signatures

By Angela Hilt, Attorney-in-Fact for 8/7/2015

** 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.