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)
   5/12/2015

5. Relationship of Reporting Person(s) to Issuer
   ____ Director
   ___ 10% Owner
   __ X Officer (give title below)
   ____ Other (specify below)
   EVP - COO - Household

4. If Amendment, Date Original Filed
   (MM/DD/YYYY)
   5/12/2015

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>5/12/2015</td>
<td>F(1)</td>
<td>427.0000</td>
<td>$107.4900</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td>9754.3460</td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) Withholding of shares by the Company to satisfy tax obligations applicable to vesting of restricted stock.
(2) Includes 221 shares acquired pursuant to a dividend feature of the Company's Stock Incentive Plan.

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

<table>
<thead>
<tr>
<th>Title of Derivate Security</th>
<th>Conversion or Exercise Date</th>
<th>Trans. Date</th>
<th>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(A)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(D)</td>
<td></td>
</tr>
</tbody>
</table>

Reporting Owners

Reporting Owner Name / Address | Relationships
Vlahos Nikolaos A
1221 BROADWAY
OAKLAND, CA 94612-1888

Signatures

By Angela Hilt, Attorney-in-Fact for 5/14/2015

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.