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 *
JOHNSON THOMAS D
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)
9/13/2016

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

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
_____ Director
_____ 10% Owner
_ X _ Officer (give title below)
_____ Other (specify below)

VP - Global Business Services

6. Individual or Joint/Group Filing (Check Applicable Line)
_ X _ 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 (Instr. 8)</th>
<th>Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>9/13/2016</td>
<td>A</td>
<td>13523.0000 D</td>
<td>400.0000 I</td>
</tr>
</tbody>
</table>

7. Nature of Indirect Beneficial Ownership (Instr. 4)

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

<table>
<thead>
<tr>
<th>Title of Derivative Security (Instr. 3)</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code (Instr. 8)</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>Date Exercisable and 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. 4)</th>
<th>Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Amount or Number of Shares</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$123.0900</td>
<td>9/13/2016</td>
<td>A</td>
<td>5460.0000 (2)</td>
<td>9/13/2017 (2)</td>
<td>Common Stock 5460.0000</td>
<td>$0.0000</td>
<td>5460.0000 D</td>
<td>Direct (D)</td>
<td>9/13/2026</td>
<td>9/13/2026</td>
<td>5460.0000</td>
<td>By PJSN Trust</td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) Includes 65 shares acquired pursuant to a dividend reinvestment feature of the Company's Stock Incentive Plan.
(2) Option vests in 4 equal installments - 1/4 on each of the first, second, third and fourth anniversaries of the grant date.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOHNSON THOMAS D</td>
<td></td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td></td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VP - Global Business Services</td>
</tr>
</tbody>
</table>

Signatures

By Angela Hilt, Attorney-in-Fact for
9/15/2016

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.