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)

2/17/2017

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

2/22/2017

5. Relationship of Reporting Person(s) to Issuer

Check all applicable

Director

10% Owner

Officer (give title below)

Other (specify below)

VP - Global Business Services

6. Individual or Joint/Group Filing

X Form filed by One Reporting Person

Form filed by More than One Reporting Person

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

By PJSN Trust

8. Price of Securities and Beneficially Owned

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

<table>
<thead>
<tr>
<th>Title of Security (Instr. 3)</th>
<th>Trans. Date</th>
<th>Trans. Code (Instr. 8)</th>
<th>V</th>
<th>Amount (A) or (D)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>2/17/2017</td>
<td>M</td>
<td></td>
<td>3592.0000</td>
<td>$72.1100</td>
</tr>
<tr>
<td>Common Stock</td>
<td>2/17/2017</td>
<td>M</td>
<td></td>
<td>3255.0000</td>
<td>$89.9200</td>
</tr>
<tr>
<td>Common Stock</td>
<td>2/17/2017</td>
<td>M</td>
<td></td>
<td>3010.0000</td>
<td>$84.4500</td>
</tr>
<tr>
<td>Common Stock</td>
<td>2/17/2017</td>
<td>S</td>
<td></td>
<td>1062.0000</td>
<td>$133.3923</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>400.0000</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 (Instr. 3)</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code (Instr. 8)</th>
<th>V</th>
<th>(A) or (D)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
<th>Price of Derivative Security (Instr. 5)</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>2/17/2017</td>
<td>M</td>
<td></td>
<td>3592.0000</td>
<td>9/11/2013</td>
<td>9/11/2022</td>
<td>Common Stock</td>
<td>3592.0000</td>
<td>$0.0000</td>
<td>0.0000</td>
</tr>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$84.4500</td>
<td>2/17/2017</td>
<td>M</td>
<td></td>
<td>3010.0000</td>
<td>9/17/2014</td>
<td>9/17/2023</td>
<td>Common Stock</td>
<td>3010.0000</td>
<td>$0.0000</td>
<td>3010.0000</td>
</tr>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$89.8200</td>
<td>2/17/2017</td>
<td>M</td>
<td></td>
<td>3255.0000</td>
<td>9/17/2015</td>
<td>9/17/2024</td>
<td>Common Stock</td>
<td>3255.0000</td>
<td>$0.0000</td>
<td>6510.0000</td>
</tr>
</tbody>
</table>

Explanation of Responses:

This transaction was executed in multiple trades at prices ranging from $133.15 to $133.57. The price reported above reflects the weighted average sale price.

Reporting Owners

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

Signatures

By Cheryl Brice, Attorney-in-Fact for 2/22/2017

** Signature of Reporting Person

* Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
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.