**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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(f) of the Investment Company Act of 1940

1. **Name and Address of Reporting Person** *
   
   JOHNSON THOMAS D
   
   (Last) (First) (Middle)
   
   1221 BROADWAY
   
   (Street)
   
   OAKLAND, CA 94612-1888
   
   (City) (State) (Zip)

2. **Issuer Name and Ticker or Trading Symbol**
   
   CLOROX CO/DE/ [ CLX ]

3. **Date of Earliest Transaction (MM/DD/YYYY)**
   
   9/14/2010

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

5. **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 (Instr. 3)</th>
<th>Trans. Date</th>
<th>Deemed Execution Date, if any</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>
<th>Ownership Form: 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>9/14/2010</td>
<td></td>
<td>A (1)</td>
<td>14830.0000</td>
<td>14830.0000</td>
<td>D</td>
<td>V</td>
</tr>
</tbody>
</table>

**Explanation of Responses:**

( 1) 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>Director</td>
</tr>
<tr>
<td></td>
<td>10% Owner</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>Officer</td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td>VP GBS &amp; Chief Acct. Officer</td>
</tr>
</tbody>
</table>

### Signatures

**By Angela Hill, Attorney-in-Fact for**

<table>
<thead>
<tr>
<th>Signature of Reporting Person</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9/16/2010</strong></td>
<td></td>
</tr>
</tbody>
</table>

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.