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  
Dorer Benno O  
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  

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)  

Chairman & CEO  

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

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

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Trans. Date</th>
<th>2A. Deemed Execution Date, if any</th>
<th>3. Trans. Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Option (Right to Buy)</td>
<td>$123,090.00</td>
<td>9/13/2016</td>
<td>A</td>
<td>172850.0000</td>
<td>9/13/2017</td>
<td>9/13/2026</td>
<td>Common Stock</td>
</tr>
</tbody>
</table>

9/13/2016  

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

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Trans. Date</th>
<th>3A. Deemed Execution Date, if any</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
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<td>172850.0000</td>
<td>9/13/2017</td>
<td>9/13/2026</td>
<td>Common Stock</td>
<td>172850.0000</td>
<td>$0.0000</td>
<td>172850.0000</td>
<td>D</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>Dorer Benno O</td>
<td></td>
</tr>
<tr>
<td>1221 BROADWAY</td>
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<td></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.