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 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*

Fleischer Spencer C

(Last) (First) (Middle)

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)

3/31/2017

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer

(X) Director

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

(X) Form filed by 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</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>1/1</td>
<td>2/10/2017</td>
<td>A</td>
<td>V</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>1/1</td>
<td>3/31/2017</td>
<td>A</td>
<td>V</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Deriv. Security</th>
<th>Conversion or Exercise Price of Deriv. Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Number of Derivatives Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>Exercisable and Expiration Date</th>
<th>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Deriv. Security</th>
<th>Number of Deriv. Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>Ownership Form (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>1.00</td>
<td>2/10/2017</td>
<td>A</td>
<td>V</td>
<td>Common Stock</td>
<td>18.1192</td>
<td>$0.0000</td>
<td>2895.2271</td>
<td>D</td>
<td>1-for-1</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>1.00</td>
<td>3/31/2017</td>
<td>A</td>
<td>V</td>
<td>Common Stock</td>
<td>185.4187</td>
<td>$0.0000</td>
<td>3080.6458</td>
<td>D</td>
<td>Deferred Stock Units acquired through dividend reinvestment during the fiscal year pursuant to the Independent Directors' Deferred Compensation Plan. The Deferred Stock Units will be settled 100% in Clorox stock in connection with the reporting person's retirement or other termination of service as a Director. Receipt of Deferred Stock Units in lieu of receipt of quarterly director's fees.</td>
</tr>
</tbody>
</table>

Explanation of Responses:

1. 1-for-1

2. Deferred Stock Units acquired through dividend reinvestment during the fiscal year pursuant to the Independent Directors' Deferred Compensation Plan. The Deferred Stock Units will be settled 100% in Clorox stock in connection with the reporting person's retirement or other termination of service as a Director. Receipt of Deferred Stock Units in lieu of receipt of quarterly director's fees.

Reporting Owners

Reporting Owner Name / Address | Relationships
-----------------------------|-----------------------------
Fleischer Spencer C
1221 BROADWAY
OAKLAND, CA 94612-1888 | X

Signatures

By Angela Hilt, Attorney-in-Fact for

4/4/2017

Signature of Reporting Person

Date

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.