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 *
   REBOLLEDO ROGELIO
   1221 BROADWAY
   OAKLAND, CA 94612-1888

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

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

3. Date of Earliest Transaction (MM/DD/YYYY)
   12/31/2014

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</th>
<th>Securities Acquired or Disposed of</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</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>Deferred Stock Units</td>
<td>2/14/2014</td>
<td>A (2) V</td>
<td>8.0861 A (3) (3)</td>
<td>8.0861 Common Stock $0.0000 1011.5561 D</td>
<td>D</td>
<td>V</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>5/9/2014</td>
<td>A (2) V</td>
<td>8.1144 A (3) (3)</td>
<td>8.1144 Common Stock $0.0000 1019.6705 D</td>
<td>D</td>
<td>V</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>8/8/2014</td>
<td>A (2) V</td>
<td>8.5500 A (3) (3)</td>
<td>8.5500 Common Stock $0.0000 1028.2205 D</td>
<td>D</td>
<td>V</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>11/14/2014</td>
<td>A (2) V</td>
<td>7.6000 A (3) (3)</td>
<td>7.6000 Common Stock $0.0000 1035.8205 D</td>
<td>D</td>
<td>V</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>12/31/2014</td>
<td>A (4)</td>
<td>1237.4000 A (3) (3)</td>
<td>1237.4000 Common Stock $0.0000 2273.2192 D</td>
<td>D</td>
<td>V</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.
(3) 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.
(4) Annual award of Deferred Stock Units pursuant to the 2005 Stock Incentive Plan.

Reporting Owners
<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>REBOLLEDO ROGELIO</td>
<td>X</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td></td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td></td>
</tr>
</tbody>
</table>

Signatures

By Angela Hilt, Attorney-in-Fact for 1/5/2015

** 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.