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 *

PEIROS LARRY

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)

12/19/2012

4. If Amendment, Date Original Filed

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

_____ Director

_____ 10% Owner

__X__ Officer (give title below)

_____ Other (specify below)

Executive VP-COO

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>2. Date</th>
<th>3 Trans. Code</th>
<th>4 Securities Acquired (A) or Disposed of (D)</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>Common Stock</td>
<td>12/7/2012</td>
<td>J (1)</td>
<td>14562.0000 D</td>
<td>$0.0000</td>
<td>34070.0000</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>11/9/2012</td>
<td>G (2)</td>
<td>600.0000 D</td>
<td>$0.0000</td>
<td>32502.0000</td>
<td>I</td>
</tr>
<tr>
<td>Common Stock</td>
<td>12/7/2012</td>
<td>J (1)</td>
<td>14562.0000 A</td>
<td>$0.0000</td>
<td>47064.0000</td>
<td>I</td>
</tr>
<tr>
<td>Common Stock</td>
<td>12/19/2012</td>
<td>S (3)</td>
<td>10000.0000 D</td>
<td>$76.0951</td>
<td>37064.0000 (5)</td>
<td>I</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td>640.8484</td>
<td>1</td>
<td>By ERIP</td>
</tr>
</tbody>
</table>

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

|--------------------------------|---------------------------------------------------|--------------|--------------|-------------------------------------------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------------|-----------------------------------------------|-------------------------------------------------|-------------------------------------------------|

Explanation of Responses:

(1) Transfer holdings to family trust.

(2) Shares transferred as a bona fide gift without any consideration.

(3) Transaction executed pursuant to a pre-planned trading program adopted by reporting person in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934.

(4) This transaction was executed in multiple trades at prices ranging from $75.90 to $76.58. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

(5) Includes 529 shares acquired during the fiscal year pursuant to a dividend reinvestment feature of the Company's Stock Incentive Plan.

Reporting Owners

Relationships
<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Director</th>
<th>10% Owner</th>
<th>Officer</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEIROS LARRY</td>
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<td>OAKLAND, CA 94612-1888</td>
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</tbody>
</table>

**Signatures**

By Cheryl Brice, Attorney-in-Fact for  

**Signature of Reporting Person**  

12/21/2012  

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.

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