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
   SPRINGER MARY BETH
   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)
   8/18/2010

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

5. Relationship of Reporting Person(s) to Issuer
   _____ Director
   _____ 10% Owner
   X Officer (give title below)
   _____ Other (specify below)

   EVP-Int'l/Natural Pers Care

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 and 4)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (A) or (D) (Instr. 3 and 4)</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>8/18/2010</td>
<td>A</td>
<td>V</td>
<td>9156</td>
<td>A $65.16</td>
<td>31492</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>8/18/2010</td>
<td>F</td>
<td>D</td>
<td>3862</td>
<td>D $65.16</td>
<td>27630</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td>V</td>
<td>17675</td>
<td>I By Trust</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 and 4)</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. 3 and 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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<tbody>
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</table>

Explanation of Responses:
(1) Settlement of 2007 Performance Unit Grant, which vested 8/18/10.
(2) Withholding of stock to pay tax liability under the Company's Stock Withholding Arrangement.

Reporting Owners

Reporting Owner Name / Address: SPRINGER MARY BETH
1221 BROADWAY
OAKLAND, CA 94612-1888

Relationships

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Reporting Owner Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPRINGER MARY BETH</td>
<td>Director, 10% Owner, Officer</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>EVP-Int'l/Natural Pers Care</td>
</tr>
</tbody>
</table>

Signatures

By Angela Hilt, Attorney-in-Fact for
8/20/2010

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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