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 *

HEINRICH DANIEL J

(First) (Middle) (Last)

1221 BROADWAY

(STREET)

OAKLAND, CA 94612-1888

(State) (City) (Zip)

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [ CLX ]

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

8/6/2009

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

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

_____ Director ___ 10% Owner __ X __ Officer (give title below) ___ Other (specify below)

EVP-Chief Financial Officer

5A. Title of Reporting Person(s)

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>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>8/6/2009</td>
<td>S</td>
<td>4000</td>
<td>$57.88</td>
</tr>
<tr>
<td>Common Stock</td>
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<tr>
<td>Common Stock</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivate Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Deemed Execution Date, if any</th>
<th>Trans. Code (Instr. 8)</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>Date Exercisable and Expiration Date</th>
<th>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Derivative Security (Instr. 5)</th>
<th>Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
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Explanation of Responses:

(1) Includes 26 shares acquired during fiscal 2009 pursuant to the Company's Employee Stock Purchase Plan.

(2) Includes 5.29 shares acquired during fiscal 2009 pursuant to the Company's Employee Retirement Investment Plan/401(k).

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEINRICH DANIEL J</td>
<td>Director</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>10% Owner</td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td>Officer</td>
</tr>
<tr>
<td></td>
<td>EVP-Chief Financial Officer</td>
</tr>
</tbody>
</table>

Signatures

By Angela Hilt, Attorney-in-Fact for

8/10/2009
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.