FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

(Oakland, CA 94612-1888)

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [ CLX ]

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

5/13/2009

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)

Sr. VP-Chief Financial Officer

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

_ X_ Form filed by One Reporting Person

___ Form filed by More than One Reporting Person

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** 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>5/13/2009</td>
<td>F (1)</td>
<td>1788</td>
<td>$51.4</td>
</tr>
</tbody>
</table>

2. Trans. Date

3. Code

4. Amount

5. Price

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

<table>
<thead>
<tr>
<th>Title of Derivative Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Code</th>
<th>Amount or Number of Shares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>161.14</td>
<td></td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>11212</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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** Explanation of Responses:**

(1) Withholding of shares by the Company to satisfy tax obligations applicable to vesting of restricted stock.

** 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 10% Owner Sr. VP-Chief Financial Officer</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 5/15/2009

** Signature of Reporting Person **
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.