CLOROX CO /DE/

FORM 4
(Statement of Changes in Beneficial Ownership)


Address THE CLOROX COMPANY 1221 BROADWAY
          OAKLAND, California 94612-1888
Telephone  510-271-7000
CIK         0000021076
Industry    Personal & Household Prods.
Sector      Consumer/Non-Cyclical
Fiscal Year 06/30
FORM 4

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

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, 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 *

PEIROS LARRY

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [ CLX ]

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

8/9/2006

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer

_____ Director

_____ 10% Owner

__ X Officer (give title below)

_____ Other (specify below)

Group Vice President

1. Title of Security

(Instr. 3)

2. Trans. Date

3. Trans. Code and Deemed Execution Date, if any

4. Securities Acquired (A) or Disposed of (D)

(A) or Disposed of (D)

5. Amount of Securities Beneficially Owned Following Reported Transaction(s)

6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)

7. Nature of Indirect Beneficial Ownership (Instr. 4)

Common Stock 8/9/2006 S (1) 500 D $59.61 28923.00 D

Common Stock 8/9/2006 S (1) 1000 D $59.60 27923.00 D

Common Stock 8/9/2006 S (1) 1500 D $59.58 26423.00 D

Common Stock 8/9/2006 S (1) 1679 D $59.55 24744.00 D

Common Stock 8/9/2006 S (1) 1000 D $59.52 23744.00 D

Common Stock 8/9/2006 S (1) 3500 D $59.50 20244.00 D

Common Stock 8/9/2006 S (1) 4000 D $59.40 16244.00 D

Common Stock 520.81 I By ERIP

Common Stock 22779.00 I By Trust

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

1. Title of Derivate Security (Instr. 3)

2. Conversion or Exercise Price of Derivative Security

3. Trans. Date

4. Trans. Code and Deemed Execution Date, if any

5. Number of Derivative Securities Acquired (A) or Disposed of (D)

(Instr. 3, 4 and 5)

6. Date Exercisable and Expiration Date

7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)

8. Price of Derivative Security (Instr. 5)

9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)

10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)

11. Nature of Indirect Beneficial Ownership (Instr. 4)

Table: 22779.00 I By Trust

Explanation of Responses:

(1) 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.

Reporting Owners
<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEIROS LARRY</td>
<td></td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td></td>
</tr>
<tr>
<td>OAKLAND, CA 946121888</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Director</th>
<th>10% Owner</th>
<th>Officer</th>
<th>Group Vice President</th>
</tr>
</thead>
</table>

Signatures


** 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.
August 3, 2006

Securities and Exchange Commission
450 - Fifth Street - N.W.
Washington, DC 20549

Ladies and Gentlemen:

This letter authorizes the following representatives of The Clorox Company, acting singly, to execute and file with you on my behalf future Forms 3, 4 and 5 respecting my holdings of equity securities of The Clorox Company:

Laura Stein, Senior Vice President, General Counsel & Secretary
Angela Hilt, Senior Corporate Counsel
Cheryl Brice, Assistant Secretary

Sincerely,

/s/ Lawrence S. Peiros
Name: Lawrence S. Peiros
Title: Group Vice President