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

FORM 4

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1. Name and Address of Reporting Person

FRANK GREG S
1221 BROADWAY
OAKLAND, CA 946121888

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [ CLX ]

5. Relationship of Reporting Person(s) to Issuer

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

Vice President-Treasurer

4. Date of Earliest Transaction

9/15/2004

6. Individual or Joint/Group Filing

X Form filed by One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

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

Explanation of Responses:

( 1 ) Option exercisable in 4 equal installments - 1/4 on each of first, second, third and fourth anniversaries of the grant date.

Reporting Owners

Reporting Owner Name / Address
FRANK GREG S
1221 BROADWAY
OAKLAND, CA 946121888

Vice President-Treasurer

Signatures

By: Patrick M. Meehan, Asst. General Counsel for 9/17/2004

** 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.