

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|  |  |   |
|--|--|---|
| 1. Name and Address of Reporting Person *<br><u>BUTHMAN MARK A</u><br><br>(Last) (First) (Middle)<br><u>P.O. BOX 619100</u><br><br>(Street)<br><u>DALLAS TX 75261-9100</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>KIMBERLY CLARK CORP [ KMB ]</u><br><br>3. Date of Earliest Transaction (Month/Day/Year)<br><u>04/28/2007</u><br><br>4. If Amendment, Date of Original Filed (Month/Day/Year) | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><div>Director 10% Owner</div> <div><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)</div> <div>Senior V. P. and CFO</div><br>6. Individual or Joint/Group Filing (Check Applicable Line)<br><div><input checked="" type="checkbox"/> Form filed by One Reporting Person</div> <div>Form filed by More than One Reporting Person</div> |
|--|--|---|

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |                | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|----------------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price          |   |  |   |
| Common Stock                    | 04/28/2007                           |  | M                              |   | 2,683 <sup>(1)</sup>  | A          | <sup>(2)</sup> | 29,828.19   | D  |   |
| Common Stock                    | 04/28/2007                           |  | F <sup>(3)</sup>               |   | 978   | D          | \$71.63        | 28,850.19   | D  |   |
| Common Stock                    | 04/28/2007                           |  | A                              |   | 8,855 <sup>(4)</sup>  | A          | <sup>(4)</sup> | 37,705.19   | D  |   |
| Common Stock                    | 04/28/2007                           |  | F <sup>(5)</sup>               |   | 2,490   | D          | \$71.63        | 35,215.19 <sup>(6)</sup>  | D  |   |
| Common Stock                    |                                      |  |                                |   |   |            |                | 6,326.25  | I  | Incentive Investment Plan <sup>(7)</sup>              |

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 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. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|--|-----------------|---|----------------------------|--|--|---|--|
|  |  |                                      |  | Code                           | V |  | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |  |   |  |
| Restricted Share Units (Granted 4/28/04)   | <sup>(2)</sup>   | 04/28/2007                           |  | M                              |   | 2,683 <sup>(1)</sup>   | 04/28/2007   | 04/28/2007      | Common Stock  | 2,683                      | \$0  | 5,367  | D   |  |

Explanation of Responses:

1. Represents time-based restricted share units that have vested and are paid out in shares of common stock.
2. Each restricted share unit granted under the Kimberly-Clark Corporation 2001 Equity Participation Plan is payable on a 1-for-1 basis.
3. This transaction represents the surrender of shares to the issuer upon vesting of time-based restricted share units to satisfy tax withholding obligations.
4. Represents performance-based restricted share units that have vested and are paid out in shares of common stock.
5. This transaction represents the surrender of shares to the issuer upon vesting of performance-based restricted share units to satisfy tax withholding obligations.
6. Includes 354,191 shares held in the Corporation's Dividend Reinvestment Program as of recent practicable date.
7. Held by the Trustee of the Kimberly-Clark Corporation Incentive Investment Plan. Reporting person beneficially owns the shares as of recent practicable date.

Remarks:

/s/ John W. Wesley as attorney-in-fact for Mark A. Buthman 05/01/2007

\*\* 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).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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 Number.