

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).

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

OMB APPROVAL

OMB Number: 3235-0287

Estimated average burden hours per response: 0.5

1. Name and Address of Reporting Person* <u>VEST RANDY J</u> (Last) (First) (Middle) <u>P.O. BOX 619100</u> (Street) <u>DALLAS TX 75261-9100</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>KIMBERLY CLARK CORP [KMB]</u> 3. Date of Earliest Transaction (Month/Day/Year) <u>02/02/2007</u> 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Vice President and Controller</u> 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> 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

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	02/02/2007		M		13,764	A	\$55.0065	89,265	D	
Common Stock	02/02/2007		S		13,764	D	\$69.5	75,501	D	
Common Stock	02/02/2007		M		4,540	A	\$55.0065	80,041	D	
Common Stock	02/02/2007		F ⁽¹⁾		3,594	D	\$69.47	76,447	D	

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 Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Granted 02/26/1998)	\$55.0065	02/02/2007		M		13,764	(2)	02/25/2008	Common Stock	13,764	(3)	0	D	
Stock Option (Granted 2/26/1998)	\$55.0065	02/02/2007		M		4,540	(2)	02/25/2008	Common Stock	4,540	(3)	0	D	

Explanation of Responses:

1. Shares previously-owned by the reporting person were surrendered to the Corporation to pay the exercise price for the 4,540 stock options exercised at the same time. The reporting person's ownership of the issuer's common stock increased by 946 shares as a result of the exercise of options and the surrender of previously-owned shares.
2. In general, no option may be exercised until one year after it has been granted; after the end of one year, it may be exercised as to 30 percent or less of the total shares subject to options, after the end of the second year, an additional 30 percent, and after the end of the third year, all options may be exercised.
3. Employee stock option granted under the Kimberly-Clark Corporation 1992 Equity Participation Plan.

Remarks:

John W. Wesley as attorney-in-
fact for Randy J. Vest 02/05/2007

** 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.