FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

OMB Number: 3235-0287

Estimated average burden hours per response: 0.5

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

Name and Address of Reporting Person* STERKENBURG ALBERT						2. Issuer Name and Ticker or Trading Symbol DENTSPLY INTERNATIONAL INC /DE/ [XRAY]							all applic Directo	able)		Owner (specify
(Last) (First) (Middle) 221 W. PHILADELPHIA ST						3. Date of Earliest Transaction (Month/Day/Year) 02/24/2010								OR VIC	below E PRESIDEN	
(Street) YORK PA 17405-0872					4. If An	4. If Amendment, Date of Original Filed (Month/Day/Year)							Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(S	tate)	(Zip)													
		Tab	le I - No	n-Deriv	ative S	ecurities Acc	uired	, Dis	posed o	f, or Be	nefici	ally C	Owned			
1. Title of Security (Instr. 3) 2. Transac Date (Month/Da						Execution Date,		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4			5. Amour Securitie Beneficia Owned F Reported	s ally following	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		Transact (Instr. 3 a	ion(s)		(1115411-4)
Common Stock 02/24					/2010		М		20,400	A	\$18.	485	21,	935	D	
Common Stock 02/24					/2010		М		6,083	6,083 A \$.14	28,018		D	
Common Stock 02/24					/2010		S		26,483	D	\$33	.05	1,535		D	
Common Stock 02/26/					/2010		M		14,117	A	\$22.14		15,652		D	
Common Stock 02/26/2					/2010		S		14,117	D	\$33	.05	1,535		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. Deeme Execution if any (Month/Da	Date, Transactio		n of	6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amo of Securities Underlying Derivative Secur (Instr. 3 and 4)		De Se	Price of erivative ecurity estr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	Ownershi Form: ly Direct (D) or Indirec (I) (Instr.	Beneficial Ownership t (Instr. 4)

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)	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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option	\$18.485	02/24/2010		M			20,400	12/11/2005	12/11/2012	Common Stock	20,400	\$18.485	0	D	
Stock Option	\$22.14	02/24/2010		M			6,083	12/15/2006	12/15/2013	Common Stock	6,083	\$22.14	14,117	D	
Stock Option	\$22.14	02/26/2010		М			14,117	12/15/2006	12/15/2013	Common Stock	14,117	\$22.14	0	D	

Explanation of Responses:

Remarks:

Brian M. Addison, POA for

** Signature of Reporting Person

02/26/2010 Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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.

 $^{^{\}star}$ 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).