FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

1. Name and Address of Reporting Person* <u>COLEMAN MICHAEL J</u>				2. Issuer Name and Ticker or Trading Symbol DENTSPLY INTERNATIONAL INC /DE/ [XRAY]						<u>/</u> [(Che	Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner						
(Last) (First) (Middle) 221 W. PHILADELPHIA ST			3. Date of Earliest Transaction (Month/Day/Year) 06/28/2010							Officer below)	(give title	e title Other (below)		pecify			
(Street) YORK (City)	PA (State		405-0872 p)	_	4. If Amendment, Date of Original Filed (Month/Day/Year)						Line)	Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person					
		Table	l - Non-D	Periva	ative	Secu	rities	Acc	uired, Dis	posed o	f, or Ber	eficially	y Owned				
1. Title of Security (Instr. 3) 2. Transar Date (Month/Da			Execution Date,		3. Transaction Code (Instr 8)				5. Amoun Securities Beneficia Owned Fo	s lly ollowing	Form:	Direct I Indirect I str. 4)	7. Nature of Indirect Beneficial Ownership				
							Code V	Amount	(A) or (D)	Price	Reported Transacti (Instr. 3 a	on(s)			(Instr. 4)		
	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	Date	3A. Deemed Execution Date, if any (Month/Day/Year)	ate,	4. Transaction Code (Instr. 8)		on of		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 derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	e s ally	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership tt (Instr. 4)
					Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares					
Phantom Stock- Director's Deferred Compensation	\$31.11 ⁽¹⁾	06/28/2010			A		29.29		(2)	(3)	Common Stock	29.29	\$31.11	18,254.	.32	D	

${\bf Explanation\ of\ Responses:}$

- 1. Dividend on existing account balance
- 2. Value paid in stock upon retirement
- 3. Not applicable to this transaction

Remarks:

Brian M. Addison, POA

06/30/2010

** 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.