SULLIVAN TIMOTHY P

Form 4

August 10, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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if no longer

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading SULLIVAN TIMOTHY P Issuer Symbol SIRONA DENTAL SYSTEMS. (Check all applicable) INC. [SIRO] (Last) (First) (Middle) 3. Date of Earliest Transaction X_ Director 10% Owner Officer (give title Other (specify (Month/Day/Year) C/O MADISON DEARBORN 08/06/2009

PARTNERS, LLC, THREE FIRST NATIONAL PLAZA, SUITE 4600

> (Street) 4. If Amendment, Date Original

> > Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

CHICAGO, IL 60602

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 7. Nature of Indirect Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership **Following** or Indirect (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) Code V Amount (D) Price See Common 08/06/2009 S 7,500,000 29,472,480 Footnotes Stock (1) (2) (3)

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

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

1. Title of	f 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	e Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	/Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	Derivative		Securities		(Instr. 5)	Bene
	Derivative				Securities		(Instr. 3 and 4)			Owne	
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date Exercisable	Expiration Date	Title	or Namel		
									Number		
				C-1- V	(A) (D)				of		
				Code v	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> 10% Owner Officer Other Director

SULLIVAN TIMOTHY P C/O MADISON DEARBORN PARTNERS, LLC THREE FIRST NATIONAL PLAZA, SUITE 4600 CHICAGO, IL 60602

X

Signatures

(3)

/s/ Timothy P. 08/06/2009 Sullivan

Date **Signature of Reporting Person

Explanation of Responses:

If the form is filed by more than one reporting person, see Instruction 4(b)(v).

except to the extent of their respective pecuniary interest therein.

- Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- **(1)** Owned by Sirona Holdings Luxco S.C.A. ("Luxco").

The following entities may be deemed to have a beneficial interest in the Common Stock held by Luxco: Sirona Holdings S.A. ("Luxco Manager"), by virtue of its being the sole manager of Luxco; MDCP IV Global Investments LP ("MDCP IV Global Investments"), by virtue of its being the controlling shareholder of Luxco Manager; MDP IV Global GP, LP ("MDP IV Global GP"), by virtue of its being the sole general partner of MDCP IV Global Investments; and MDP Global Investors Limited by virtue of its being the sole general partner of MDP IV Global GP. A majority of the following members of MDP Global Investors

(2) Limited have the authority to vote or dispose of the shares held by MDCP IV Global Investments: John A. Canning, Jr., Paul J. Finnegan, Samuel M. Mencoff, Paul R. Wood, (Continued Footnote 3)

Benjamin D. Chereskin, Justin S. Huscher, James N. Perry, Jr., Thomas R. Reusche, Cynthia Reusche, Timothy P. Sullivan, Nicholas W. Alexos, Robin P. Selati, Gary J. Little GST Exempt Marital Trust, David F. Mosher and Thomas Souleles. As a member of MDP Global Investors Limited, Mr. Sullivan may also be deemed to share beneficial ownership of the Common Stock held by Luxco. Mr. Sullivan disclaims beneficial ownership of the shares directly held by Luxco except to the extent of his pecuniary interest therein. Each of the members of MDP Global Investors Limited and each of MDCP IV Global Investments, MDP IV Global GP and MDP Global Investors Limited disclaims beneficial ownership of any shares directly held by Luxco

Reporting Owners 2

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