Berthan Rainer Form 3 November 20, 2012

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement SIRONA DENTAL SYSTEMS, INC. [SIRO] A Berthan Rainer (Month/Day/Year) 11/16/2012 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O SIRONA. (Check all applicable) **FABRIKSTRASSE** 31D-64625. BENSHEIM. 10% Owner Director **GERMANY** _X__ Officer Other (give title below) (specify below) (Street) 6. Individual or Joint/Group Executive VP Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Â Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) (Instr. 5) Form: Direct (D) or Indirect (Instr. 5) Â Common Stock 12,000 D Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a

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

currently valid OMB control number.

1. Title of Derivative Security
2. Date Exercisable and (Instr. 4)

Expiration Date (Month/Day/Year)

2. Date Exercisable and Securities Underlying Derivative Security

3. Title and Amount of 4.

Securities Underlying Ownership or Exercise Form of Ownership

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	Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	(Instr. 5)
Options(Right to buy)	(1)	07/02/2022	Common Stock	18,000	\$ 47.385	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships				
r	Director	10% Owner	Officer	Other	
Berthan Rainer C/O SIRONA, FABRIKSTRASSE 31D-64625 BENSHEIM, GERMANY Â	Â	Â	Executive VP	Â	

Signatures

Rainer Berthan, by Michael Friedlander, Attorney 11/20/2012

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).
- (1) Stock options shall vest as follows: 1/4 on January 1, 2014, 1/4 on July 2, 2014, 1/4 on July 2, 2015 and 1/4 July 2, 2016.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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