

SIRONA DENTAL SYSTEMS, INC.  
Form SC 13D/A  
March 14, 2011

OMB APPROVAL  
OMB Number: 3235-0145  
Expires: December 31, 2005  
Estimated average burden  
hours per response 11

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**Schedule 13D/A**

**Under the Securities Exchange Act of 1934**

**(Amendment No. 8)\***

**Sirona Dental Systems, Inc.**

**(formerly known as Schick Technologies, Inc.)**  
**(Name of Issuer)**

**Common Stock**  
**(Title of Class of Securities)**

**806683 10 8**  
(CUSIP Number)

**Timothy P. Sullivan**

**Nicholas W. Alexos**

**Madison Dearborn Partners, LLC**

**Three First National Plaza, Suite 4600**

**Chicago, Illinois 60602**

**(312) 895-1000**

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

**COPY TO:**

**Carol Anne Huff**

**Kirkland & Ellis LLP**

**300 North LaSalle Street**

**Chicago, Illinois 60654**

**(312) 862-2200**

**March 11, 2011**

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. "

**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page. The information required on the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 ( Act ) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).



13D

CUSIP No. 806683 10 8

1 NAMES OF REPORTING PERSONS / I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)

Sirona Holdings Luxco S.C.A.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a)  (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Grand Duchy of Luxembourg

NUMBER OF 7 SOLE VOTING POWER

SHARES

BENEFICIALLY

None

OWNED BY

8 SHARED VOTING POWER

EACH

REPORTING

14,247,480

9 SOLE DISPOSITIVE POWER

PERSON

WITH

None

10 SHARED DISPOSITIVE POWER

- 11           14,247,480  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
- 12           14,247,480  
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)   "
- 13           PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
- 14           25.6%  
TYPE OF REPORTING PERSON (See Instructions)

PN

13D

CUSIP No. 806683 10 8

1 NAMES OF REPORTING PERSONS / I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)

Sirona Holdings S.A.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a)  (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Grand Duchy of Luxembourg

NUMBER OF 7 SOLE VOTING POWER

SHARES

BENEFICIALLY

None

OWNED BY

8 SHARED VOTING POWER

EACH

REPORTING

14,247,480

9 SOLE DISPOSITIVE POWER

PERSON

WITH

None

10 SHARED DISPOSITIVE POWER

- 11           14,247,480  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
- 12           14,247,480  
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)   "
- 13           PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
- 14           25.6%  
TYPE OF REPORTING PERSON (See Instructions)

CO

13D

CUSIP No. 806683 10 8

1 NAMES OF REPORTING PERSONS / I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)

MDCP Global Aggregator, L.P.  
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a)  (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)

OO  
5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF 7 SOLE VOTING POWER

SHARES

BENEFICIALLY OWNED BY 8 None SHARED VOTING POWER

EACH

REPORTING PERSON 9 14,247,480 SOLE DISPOSITIVE POWER

PERSON

WITH

None  
10 SHARED DISPOSITIVE POWER



- 11           14,247,480  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
- 12           14,247,480  
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)   "
- 13           PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
- 14           25.6%  
TYPE OF REPORTING PERSON (See Instructions)

PN

CUSIP No. 806683 10 8

1 NAMES OF REPORTING PERSONS / I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)

MDCP IV Global Investments LP  
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a)  (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)

OO  
5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

NUMBER OF 7 SOLE VOTING POWER

SHARES

BENEFICIALLY OWNED BY EACH  
None  
8 SHARED VOTING POWER

REPORTING PERSON WITH  
14,247,480  
9 SOLE DISPOSITIVE POWER

None  
10 SHARED DISPOSITIVE POWER

- 11           14,247,480  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
- 12           14,247,480  
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)   "
- 13           PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
- 14           25.6%  
TYPE OF REPORTING PERSON (See Instructions)

PN

CUSIP No. 806683 10 8

1 NAMES OF REPORTING PERSONS / I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)

MDP IV Global GP, LP

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a)  (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)

OO

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

NUMBER OF 7 SOLE VOTING POWER

SHARES

BENEFICIALLY

None

OWNED BY

8 SHARED VOTING POWER

EACH

REPORTING

14,247,480

9 SOLE DISPOSITIVE POWER

PERSON

WITH

None

10 SHARED DISPOSITIVE POWER

0

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

14,247,480

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

25.6%

14 TYPE OF REPORTING PERSON (See Instructions)

PN

13D

CUSIP No. 806683 10 8

1 NAMES OF REPORTING PERSONS / I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)

2 MDP Global Investors Limited  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a)  (b)

3 SEC USE ONLY

4 SOURCE OF FUNDS (See Instructions)

5 OO  
CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

NUMBER OF 7 SOLE VOTING POWER

SHARES

BENEFICIALLY OWNED BY EACH 8 None  
SHARED VOTING POWER

REPORTING PERSON WITH 9 14,247,480  
SOLE DISPOSITIVE POWER

WITH 10 None  
SHARED DISPOSITIVE POWER

- 11           14,247,480  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
- 12           14,247,480  
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)   "
- 13           PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
- 14           25.6%  
TYPE OF REPORTING PERSON (See Instructions)

OO

The Statement on Schedule 13D originally filed with the Securities and Exchange Commission (the *Commission* ) on September 27, 2005, and as amended by Amendment No. 1 to Schedule 13D filed with the Commission on June 22, 2006, Amendment No. 2 to Schedule 13D filed with the Commission on August 12, 2009, Amendment No. 3 to Schedule 13D filed with the Commission on December 11, 2009, Amendment No. 4 to Schedule 13D filed with the Commission on December 17, 2009, Amendment No. 5 to Schedule 13D filed with the Commission on February 17, 2010, Amendment No. 6 to Schedule 13D filed with the Commission on February 23, 2010 and Amendment No. 7 to Schedule 13D filed on March 11, 2011 (as amended to the date hereof, the *Statement* ) by the persons named therein is hereby amended and supplemented by this Amendment No. 8 to Schedule 13D (the *Amendment* ). Capitalized terms used herein and not otherwise defined have the meanings assigned to such terms in the Statement. Except as otherwise provided herein, each Item of the Statement remains unchanged.



**Item 4. Purpose of Transaction.**

*Item 4 of the Statement is hereby amended and supplemented by adding the following:*

On March 11, 2011, Luxco signed the Underwriting Agreement attached hereto as Exhibit G and agreed to sell 4,500,000 shares of Common Stock to Barclays Capital Inc. pursuant to the terms of the Underwriting Agreement. In connection with such offering, Luxco granted Barclays Capital Inc. an option to purchase up to an additional 675,000 shares to cover over allotments for up to 30 days. A shelf registration statement relating to the foregoing has previously been filed with, and declared effective by, the Commission. Luxco has agreed with the underwriter, subject to certain exceptions, not to dispose of or hedge any of its shares of Common Stock or securities convertible into or exchangeable for shares of Common Stock for the 60 day period following the date of the prospectus supplement relating to the offering. All of the percentages calculated in this Schedule 13D/A are based upon an aggregate of 55,548,341 shares of Common Stock outstanding as of March 7, 2011, as provided by the Company, and beneficial ownership numbers do not give effect to the proposed sale reported in this Item 4.

**Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.**

*Item 6 of the Statement is hereby amended and supplemented by adding the following:*

The description of Luxco's intent to sell a portion of the shares of Common Stock of the Company held by it described in Item 4 of this Schedule 13D/A is hereby incorporated by reference.

**Item 7. Material to be filed as Exhibits.**

- |           |  |
|-----------|--|
| Exhibit A | Schedule 13D Joint Filing Agreement, dated December 17, 2009, by and among Luxco, Luxco Manager, MDCP Global Aggregator, MDCP IV Global Investments, MDP IV Global GP and MDP Global Investors (as previously filed with this Statement).        |
| Exhibit B | Exchange Agreement, dated as of September 25, 2005, by and among Luxco, Sirona and the Company (incorporated by reference to Exhibit 99.1 to the Company's Current Report on Form 8-K filed with the Commission on September 26, 2005).          |
| Exhibit C | Registration Statement, dated as of June 20, 2006, between Luxco and the Company (incorporated by reference to Exhibit 2.1 to the Company's Current Report on Form 8-K filed with the Commission on June 20, 2006).                              |
| Exhibit D | Letter Agreement, dated as of December 8, 2009, between Luxco and Jeffrey Slovin.  |
| Exhibit E | Underwriting Agreement (incorporated by reference to Exhibit 1.1 to the Company's Form 8-K filed with the Commission on December 15, 2009)   |
| Exhibit F | Underwriting Agreement, dated as of February 17, 2010, by and among the Company, Luxco, Jeffrey Slovin, and Barclays Capital Inc. (as previously filed with this Statement).   |
| Exhibit G | Underwriting Agreement, dated as of March 11, 2011, by and among the Company, Luxco, Jeffrey Slovin, and Barclays Capital Inc. (incorporated by reference to Exhibit 1.1 to the Company's Form 8-K filed with the Commission on March 11, 2011). |

**SIGNATURES**

After reasonable inquiry and to the best of each of the undersigned's knowledge and belief, each of the undersigned certify that the information set forth in this Statement is true, complete and correct.

Date: March 14, 2011

SIRONA HOLDINGS LUXCO S.C.A.

By: Sirona Holdings S.A.  
Its: Manager

By: /s/ Nicholas Alexos  
Name: Nicholas Alexos  
Its: A Director

SIRONA HOLDINGS S.A.

By: /s/ Nicholas Alexos  
Name: Nicholas Alexos  
Its: A Director

MDCP GLOBAL AGGREGATOR, L.P.

By: MDP Global Investors Limited  
Its: General Partner

By: /s/ Nicholas Alexos  
Name: Nicholas Alexos  
Its: Managing Director

MDCP IV GLOBAL INVESTMENTS LP

By: MDP IV Global GP, LP  
Its: General Partner

By: MDP Global Investors Limited  
Its: General Partner

By: /s/ Nicholas Alexos  
Name: Nicholas Alexos  
Its: Managing Director

MDP IV GLOBAL GP, LP.

By: MDP Global Investors Limited  
Its: General Partner

By: /s/ Nicholas Alexos  
Name: Nicholas Alexos  
Its: Managing Partner

MDP GLOBAL INVESTORS LIMITED

By: /s/ Nicholas Alexos

Name: Nicholas Alexos  
Its: Managing Director

SCHEDULE A

**Directors and Executive Officers of Luxco Manager:** Luxco Manager is the sole manager of Luxco and is governed by a Board of Directors consisting of two A Directors and two B Directors. The two A Directors are Timothy P. Sullivan and Nicholas W. Alexos, both of whom are Managing Directors of MDP Global Investors. The two B Directors are Lorenzo Barcaglioni and Michel Raffoul, both of whom are employees of Services Généraux de Gestion S.A., an independent business service company that performs certain services for Luxco Manager. The principal business address of Timothy P. Sullivan and Nicholas W. Alexos, each of whom is a United States citizen, is c/o Madison Dearborn Partners, LLC, Three First National Plaza, Suite 4600, Chicago, Illinois 60602, telephone (312) 895-1000. The principal business address of Lorenzo Barcaglioni, who is a citizen of Italy and a resident of Luxembourg, and Michel Raffoul, who is a citizen of France and a resident of Luxembourg, is c/o SGG S.A., 412F, route d Esch, L-1030 Luxembourg, Grand Duchy of Luxembourg.

**Persons Controlling MDP Global Investors:** The following are the members of MDP Global Investors: Paul R. Wood, Thomas R. Reusche, Cynthia Reusche, David F. Mosher, John A. Canning, Jr., Paul J. Finnegan, Samuel M. Mencoff, James N. Perry Jr., Timothy P. Sullivan, Nicholas W. Alexos, Justin S. Huscher, Robin P. Selati, Thomas S. Souleles and Gary J. Little GST Exempt Marital Trust. The principal business address of each of these individuals is c/o Madison Dearborn Partners, LLC, Three First National Plaza, Suite 4600, Chicago, Illinois 60602, telephone (312) 895-1000. Each member of MDP Global Investors is a United States citizen.