UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) September 8, 2004

STERIS Corporation (Exact name of registrant as specified in its charter)

Ohio (State or other jurisdiction of incorporation)

0-20165 (Commission File Number)

34-1482024 (IRS Employer Identification No.)

5960 Heisley Road, Mentor, Ohio (Address of principal executive offices)

44060-1834 (Zip Code)

Registrant's telephone number, including area code (440) 354-2600

Not Applicable

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:
□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
\square Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

ITEM 7.01. Regulation FD Disclosure

Attached hereto as Exhibit 99 is a copy of materials dated September 8, 2004 and prepared with respect to a presentation at the Thomas Weisel Partners Healthcare Tailwinds 2004 Conference that was made by senior management of STERIS Corporation (the "Company") on September 8, 2004.

The information contained in this Current Report on Form 8-K, including the exhibit attached hereto, is being furnished to the Securities and Exchange Commission and shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section. Furthermore, the information contained in this Current Report on Form 8-K shall not be deemed to be incorporated by reference into any registration statement or other document filed pursuant to the Securities Act of 1933, as amended.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

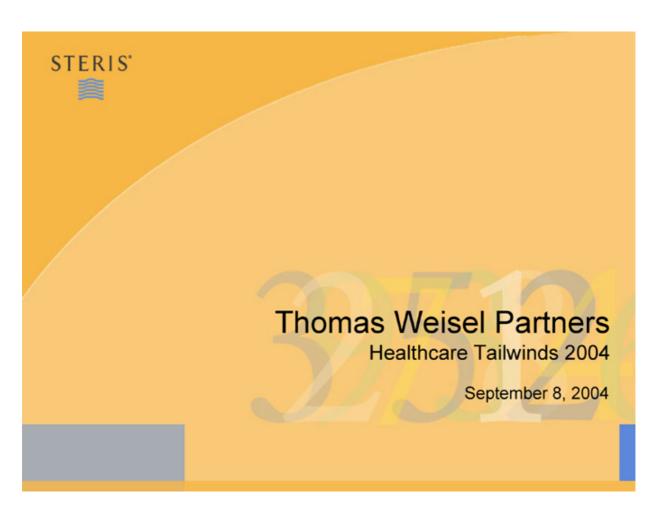
By: /s/ Mark D. McGinley

Mark D. McGinley

Vice President, General Counsel and Secretary

STERIS CORPORATION

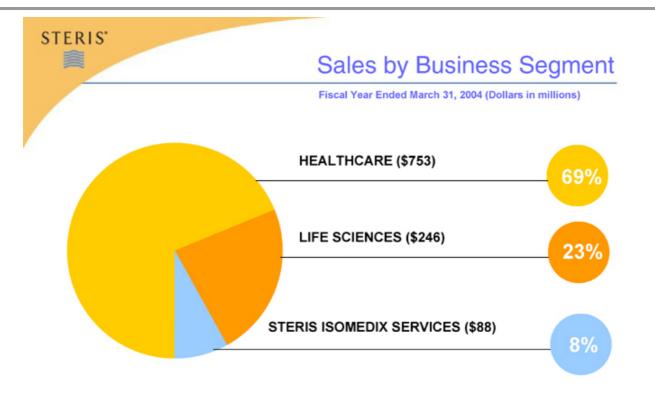
Dated: September 8, 2004





Forward-Looking Statements

Except for historical information discussed, today's presentation includes forward-looking statements that involve risks and uncertainties. Investors are cautioned that such statements are only predictions and that actual events or results may differ materially. Some of the factors which could cause actual results to materially differ from those anticipated by the forward-looking statements are set forth in the Company's latest SEC Filings on Forms 10-K and 10-Q and in its earnings release dated July 27, 2004. Further, these forward-looking statements speak only as of this date September 8, 2004. We undertake no obligation to publicly release the results of any revisions to the forward-looking statements made today to reflect events or circumstances after today or to reflect the occurrence of unanticipated events.





Healthcare Segment Overview

Products:

- Equipment and chemistries for cleaning and sterilizing surgical instruments
- Surgical tables, lights and ceiling management systems
- > Caregiver skin protection products
- > Maintenance services

Customers:

- > Hospitals
- Outpatient surgical centers
- > Physician offices

Growth Drivers:

- > Aging population
- Inpatient and outpatient surgical procedures
- Hospital capacity expansions
- > New products and technical innovations
- Global awareness of the need for infection control

Competitive Position:

Sterile Processing - \$3.6 billion market

- > STERIS US leader
- > Getinge global leader
- > Others: J&J, 3M

Surgical Tables and Lights - \$1.5 billion market

- > STERIS US leader
- > Getinge global leader
- > Others: Getinge, Skytron, Hill-Rom

Skin Care - \$300 million caregiver market

> STERIS key player in fragmented market

Competitive Strengths

- > Integrated offering
- > Broad technology base
- > Strong US channel



Life Sciences Segment Overview

Products:

- Variety of equipment for aseptic manufacturing and research
- Sterile water equipment, sterilizers, washers, room decontamination, freeze dryers
- Cleaning chemistries and service
- Technologies, products and services for government agency, military and private industry use

Customers:

- Pharmaceutical and biopharmaceutical manufacturers
- > Research institutions
- > Government agencies, private industry

Growth Drivers:

- > Aging population
- Increased drug consumption
- > Industry investment in drug production capacity
- Rigorous regulatory environments and risk of biochemical incidents
- > Emerging diseases
- > Biological and chemical weapon threats
- Government spending on homeland defense

Competitive Position:

- STERIS has a strong position in \$750 million global process equipment market
- > STERIS has a strong position in \$500 million research equipment market
- > Others: Getinge, other European manufacturers in a variety of products

Competitive Strengths:

- > Breadth of product offering
- > Unique offering
- > Global presence
- > Technology leadership

STERIS"



STERIS Isomedix Services Overview

Products:

> Batch contract sterilization in 16 regional facilities with gamma, ethylene oxide and electron beam processing technologies

Customers:

- Medical device manufacturers
- > Food packagers
- > Pharmaceutical manufacturers
- > Cosmetics producers

Growth Drivers:

- Outsourcing by manufacturers
- > Growth in medical device consumption
- Expansion of STERIS processing facilities

Competitive Position:

> STERIS US leader in \$690 million global market

Competitors:

- > Sterigenics
- > IBA
- > Surebeam
- > Cosmed
- > Titan Scan

Strengths:

- > Responsive
- > Broad capability/technology
- > Strategically located facilities

b







Enhance our revenue stream by continuing to diversify by product, service, market and geography

- > Increase recurring revenues
- > <u>Leverage</u> our channel
- > Introduce new technologies
- > Adapt our technologies
- > Expand internationally

