

Registration No. 333-176167
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Registration No. 333-136239
Registration No. 333-101308
Registration No. 333-91302
Registration No. 333-63774
Registration No. 333-63772
Registration No. 333-63770
Registration No. 333-40082
Registration No. 333-40058
Registration No. 333-65155
Registration No. 333-55839
Registration No. 333-32005
Registration No. 333-09733
Registration No. 333-01610
Registration No. 33-91444
Registration No. 33-91442
Registration No. 33-55976
Registration No. 33-55258

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

POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 333-176167
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POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 333-09733
POST EFFECTIVE AMENDMENT NO. 2 TO FORM S-4 ON FORM S-8 REGISTRATION STATEMENT NO. 333-01610
POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 33-91444
POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 33-91442
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POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 33-55258

*UNDER
THE SECURITIES ACT OF 1933*

STERIS CORPORATION

(Exact name of registrant as specified in its charter)

Ohio
(State or other jurisdiction of
incorporation or organization)

34-1482024
(I.R.S. Employer
Identification No.)

5960 Heisley Road
Mentor, Ohio 44060-1868
(Address of Principal Executive Offices) (Zip Code)

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

STERIS CORPORATION 2006 LONG-TERM EQUITY INCENTIVE PLAN
STERIS CORPORATION 401(K) PLAN
STERIS CORPORATION DEFERRED COMPENSATION PLAN

STERIS CORPORATION 2002 STOCK OPTION PLAN
STERIS CORPORATION LONG-TERM INCENTIVE STOCK PLAN
STERIS CORPORATION 1997 STOCK OPTION PLAN
AMSCO INTERNATIONAL, INC. STOCK OPTION PLAN
NON-QUALIFIED STOCK OPTION AGREEMENTS DATED JANUARY 4, 1991
NON-QUALIFIED STOCK OPTION AGREEMENT DATED JUNE 6, 1993
NON-QUALIFIED STOCK OPTION AGREEMENTS (OPTION A, OPTION B, AND OPTION C) DATED JULY 11, 1995
STERIS CORPORATION 1994 EQUITY COMPENSATION PLAN
STERIS CORPORATION 1994 NON-EMPLOYEE DIRECTORS EQUITY COMPENSATION PLAN
STERIS CORPORATION AMENDED AND RESTATED NON-QUALIFIED STOCK OPTION PLAN
NONQUALIFIED STOCK OPTION AGREEMENT BETWEEN STERIS CORPORATION AND MARK D. MCGINLEY
NONQUALIFIED STOCK OPTION AGREEMENT BETWEEN STERIS CORPORATION AND PETER A. BURKE
NONQUALIFIED STOCK OPTION AGREEMENT BETWEEN STERIS CORPORATION AND THOMAS J. MAGULSKI
NONQUALIFIED STOCK OPTION AGREEMENT BETWEEN STERIS CORPORATION AND LES C. VINNEY
RESTRICTED SHARES AGREEMENT BETWEEN STERIS CORPORATION AND CHARLES L. IMMEL
NONQUALIFIED STOCK OPTION AGREEMENT BETWEEN STERIS CORPORATION AND CHARLES L. IMMEL
NONQUALIFIED STOCK OPTION AGREEMENT BETWEEN STERIS CORPORATION AND LAURIE BRLAS
NONQUALIFIED STOCK OPTION AGREEMENT BETWEEN STERIS CORPORATION AND DAVID L. CRANDALL
NONQUALIFIED STOCK OPTION AGREEMENT BETWEEN STERIS CORPORATION AND THOMAS J. DEANGELO
NONQUALIFIED STOCK OPTION AGREEMENT BETWEEN STERIS CORPORATION AND JOHN MASEFIELD
(Full title of the plans)

J. Adam Zangerle
Vice President, General Counsel, and Secretary
STERIS Corporation
5960 Heisley Road
Mentor, Ohio 44060-1868
(440) 354-2600

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company:

Large accelerated filer Accelerated filer
Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

DEREGISTRATION OF UNSOLD SECURITIES

These Post-Effective Amendments (these “Post-Effective Amendments”), filed by STERIS Corporation, (the “Registrant”), deregister all shares of the Registrant’s common shares, no par value per share (the “Shares”), remaining unissued and other obligations and interests registered under the following Registration Statements on Form S-8 (each, a “Registration Statement”, and collectively, the “Registration Statements”) filed by the Registrant with the U.S. Securities and Exchange Commission (the “Commission”):

- Registration Statement on Form S-8 (No. 333-176167), pertaining to the registration of 1,600,000 Shares, issuable under the STERIS Corporation 2006 Long-Term Equity Incentive Plan, which was filed with the Commission on August 9, 2011.
- Registration Statement on Form S-8 (No. 333-170884), pertaining to the registration of 2,000,000 Shares issuable under the STERIS Corporation 401(k) Plan and an indeterminate number of plan interests under the STERIS Corporation 401(k) Plan, which was filed with the Commission on November 30, 2010.
- Registration Statement on Form S-8 (No. 333-137167), pertaining to the registration of \$10,000,000 of deferred compensation obligations under the STERIS Corporation Deferred Compensation Plan, which was filed with the Commission on September 7, 2006.
- Registration Statement on Form S-8 (No. 333-136239), pertaining to the registration of 6,600,000 Shares, issuable under the STERIS Corporation 2006 Long-Term Equity Incentive Plan, which was filed with the Commission on August 2, 2006.
- Registration Statement on Form S-8 (No. 333-101308), pertaining to the registration of 4,000,000 Shares, issuable under the STERIS Corporation 2002 Stock Option Plan, which was filed with the Commission on November 19, 2002.
- Registration Statement on Form S-8 (No. 333-91302), pertaining to the registration of 25,000 Shares, issuable pursuant to stock options granted under the Nonqualified Stock Option Agreement between STERIS Corporation and Mark D. McGinley, which was filed with the Commission on June 27, 2002.
- Registration Statement on Form S-8 (No. 333-63774), pertaining to the registration of 15,000 Shares, issuable pursuant to stock options granted under the Nonqualified Stock Option Agreement between STERIS Corporation and Peter A. Burke, which was filed with the Commission on June 25, 2001.
- Registration Statement on Form S-8 (No. 333-63772), pertaining to the registration of 50,000 Shares, issuable pursuant to stock options granted under the Nonqualified Stock Option Agreement between STERIS Corporation and Thomas J. Magulski, which was filed with the Commission on June 25, 2001.
- Registration Statement on Form S-8 (No. 333- 63770), pertaining to the registration of 135,000 Shares, issuable pursuant to stock options granted under the Nonqualified Stock Option Agreement between STERIS Corporation and Charles L. Immel and restricted shares issuable pursuant to the Restricted Shares Agreement between STERIS Corporation and Charles L. Immel, which was filed with the Commission on June 25, 2001.
- Registration Statement on Form S-8 (No. 333-40082), pertaining to the registration of 40,000 Shares, issuable pursuant to stock options granted under the Nonqualified Stock Option Agreement between STERIS Corporation and Laurie Brlas and the Nonqualified Stock Option Agreement between STERIS Corporation and David L. Crandall, which was filed with the Commission on June 26, 2000.

- Registration Statement on Form S-8 (No. 333-40058), pertaining to the registration of 90,000 Shares, issuable pursuant to stock options granted under the Nonqualified Stock Option Agreement between STERIS Corporation and Les C. Vinney, which was filed with the Commission on June 23, 2000.
- Registration Statement on Form S-8 (No. 333-65155), pertaining to the registration of 3,300,000 Shares, issuable under the STERIS Corporation Long-Term Incentive Stock Plan, which was filed with the Commission on October 1, 1998.
- Registration Statement on Form S-8 (No. 333-55839), pertaining to the registration of 115,000 Shares, issuable pursuant to stock options granted under the Nonqualified Stock Option Agreement between STERIS Corporation and Thomas J. DeAngelo and the Nonqualified Stock Option Agreement between STERIS Corporation and John Masefield, which was filed with the Commission on June 2, 1998.
- Registration Statement on Form S-8 (No. 333-32005), pertaining to the registration of 1,697,415 Shares, issuable under the STERIS Corporation 1997 Stock Option Plan, which was filed with the Commission on July 24, 1997.
- Registration Statement on Form S-8 (No. 333-09733), pertaining to the registration of 1,000,000 Shares, issuable under the STERIS Corporation 401(k) Plan, which was filed with the Commission on August 7, 1996.
- Post Effective Amendment No. 1 to Form S-4 on Form Registration Statement on Form S-8 (No. 333-01610), pertaining to the registration of Shares, issuable under the AMSCO International, Inc. Stock Option Plan and under the Non-Qualified Stock Option Agreements dated January 4, 1991, Non-Qualified Stock Option Agreement dated June 6, 1993 and Non-Qualified Stock Option Agreements (Option A, Option B, and Option C) dated July 11, 1995, which was filed with the Commission on May 14, 1996.
- Registration Statement on Form S-8 (No.33-91444), pertaining to the registration of 500,000 Shares, issuable under the STERIS Corporation 1994 Equity Compensation Plan, which was filed with the Commission on April 21, 1995.
- Registration Statement on Form S-8 (No.33-91442), pertaining to the registration of 100,000 Shares, issuable under the STERIS Corporation 1994 Non-Employee Directors Equity Compensation Plan, which was filed with the Commission on April 21, 1995.
- Registration Statement on Form S-8 (No. 33-55976), pertaining to the registration of 100,000 Shares, issuable under the STERIS Corporation 401(k) Plan, which was filed with the Commission on December 21, 1992.
- Registration Statement on Form S-8 (No. 33-55258), pertaining to the registration of 1,181,750 Shares, issuable under the STERIS Corporation Amended and Restated Non-Qualified Stock Option Plan, which was filed with the Commission on December 3, 1992.

On November 2, 2015, the Registrant and Synergy Health plc (“Synergy”) completed their previously announced combination (the “Combination”) whereby (i) STERIS plc, a public limited company organized under the laws of England and Wales (formerly named “New STERIS Limited”) acquired all of the outstanding shares of Synergy by means of a court-sanctioned scheme of arrangement under English law (the “Scheme”) and then (ii) a wholly owned indirect subsidiary of STERIS plc merged with and into the Registrant (the “Merger”) with the Registrant surviving the Merger as an indirect wholly owned subsidiary of STERIS plc.

In connection with the completion of the Merger, the offerings pursuant to the Registration Statements have been terminated. In accordance with undertakings made by the Registrant in the Registration Statements to remove from registration, by means of a post-effective amendment, any of the securities that remain unsold at the termination of the offerings, the Registrant hereby removes from registration all Shares registered under the Registration Statements but not sold under the Registration Statements.

SIGNATURE

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused these Post-Effective Amendments to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Mentor, State of Ohio, on November 6, 2015. No other person is required to sign these Post-Effective Amendments to the Registration Statements in reliance upon Rule 478 under the Securities Act of 1933, as amended.

STERIS CORPORATION

By: /s/ Michael J. Tokich

Name: Michael J. Tokich

Title: Senior Vice President and Chief Financial Officer