

Fox-Smith Andrew Grant
 Form 4
 May 18, 2011

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Fox-Smith Andrew Grant

2. Issuer Name and Ticker or Trading Symbol
 STRYKER CORP [SYK]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 2825 AIRVIEW BLVD.

3. Date of Earliest Transaction (Month/Day/Year)
 05/17/2011

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Group President

(Street)
 KALAMAZOO, MI 49002

4. If Amendment, Date Original Filed(Month/Day/Year)

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

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount | (A) or (D) | Price |
| Common Stock | 05/17/2011 | | M | | 40,000 | A | \$ 38.83 |
| Common Stock | 05/17/2011 | | M | | 36,000 | A | \$ 45.21 |
| Common Stock | 05/17/2011 | | M | | 40,000 | A | \$ 48.27 |
| Common Stock | 05/17/2011 | | M | | 48,000 | A | \$ 46.85 |
| Common Stock | 05/17/2011 | | F | | 115,441 | D | \$ 63.76 |

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Common Stock 05/17/2011 S 48,559 D \$ 63.73 32,049 D
(1)

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

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(9-02)

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Common Stock | \$ 38.83 | 05/17/2011 | | M | 40,000 | <u>(2)</u> 10/13/2013 | Common Stock | 40,000 |
| Common Stock | \$ 45.21 | 05/17/2011 | | M | 36,000 | <u>(2)</u> 03/04/2014 | Common Stock | 36,000 |
| Common Stock | \$ 48.27 | 05/17/2011 | | M | 40,000 | <u>(2)</u> 04/21/2015 | Common Stock | 40,000 |
| Common Stock | \$ 46.85 | 05/17/2011 | | M | 48,000 | <u>(2)</u> 02/06/2016 | Common Stock | 48,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--------------------------------|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |

Fox-Smith Andrew Grant
 2825 AIRVIEW BLVD.
 KALAMAZOO, MI 49002
 Group President

Signatures

Mary Anne McDonald, attorney-in-fact for Andrew G. Fox-Smith 05/18/2011

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(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) Represents the average price for transactions in a range from \$63.66 to \$63.80.
- (2) Employee stock option granted pursuant to the Stryker Corporation 1998 Stock Option Plan, exercisable as to 20% on each of the first five anniversaries of the date of grant.

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.