

EDWARDS LIFESCIENCES CORP

Reported by
ULLEM SCOTT B.

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 02/24/17 for the Period Ending 02/22/17

| | |
|-------------|---|
| Address | ONE EDWARDS WAY IRVINE, CA 92614 |
| Telephone | 9492502500 |
| CIK | 0001099800 |
| Symbol | EW |
| SIC Code | 3842 - Orthopedic, Prosthetic, and Surgical Appliances and Supplies |
| Industry | Advanced Medical Equipment & Technology |
| Sector | Healthcare |
| Fiscal Year | 12/31 |

FORM 4

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

OMB APPROVAL
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[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or
Section 30(h) of the Investment Company Act of 1940

| | | |
|--|---|--|
| 1. Name and Address of Reporting Person * Ullem Scott B. <small>(Last) (First) (Middle)</small> ONE EDWARDS WAY <small>(Street)</small> IRVINE, CA 92614 <small>(City) (State) (Zip)</small> | 2. Issuer Name and Ticker or Trading Symbol Edwards Lifesciences Corp [EW] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) CVP, CFO |
| 3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">2/22/2017</p> | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | |

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. 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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|----------------|-----------------------------------|---------------------------|-----|---|------------|-----------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 2/22/2017 | | F | (I) | 11815.0000 | D | \$89.7400 | 34209.0000 (2) | D | |
| Common Stock | | | | | | | | 42312.0000 (2) | I | By Trust |

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

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. 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 | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|----------------|-----------------------------------|---------------------------|---|--|-----|---|-----------------|---|----------------------------|--|--|--|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

- (Issuer's withholding of shares of common stock issuable upon vesting of restricted stock units to satisfy the Reporting Person's related tax withholding obligation.
- (This Form 4 reflects changes in beneficial ownership only; it does not identify other securities of the Issuer beneficially owned by the Reporting Person; and it reflects 42,312 shares that were previously reported as directly held.

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-----------------|-------|
| | Director | 10% Owner | Officer | Other |
| Ullem Scott B. ONE EDWARDS WAY IRVINE, CA 92614 | | | CVP, CFO | |

Signatures

Ifigenia Protopappas, Attorney-in-fact

2/24/2017

**Signature of Reporting Person

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.