

BESSLER ANITA  
Form 4  
May 16, 2005

**FORM 4**

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

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,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

**OMB APPROVAL**

OMB  
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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
BESSLER ANITA

2. Issuer Name **and** Ticker or Trading  
Symbol

EDWARDS LIFESCIENCES CORP  
[EW]

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)

C/O EDWARDS LIFESCIENCES  
CORPORATION;, ONE  
EDWARDS WAY

(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
05/12/2005

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_X\_\_ Officer (give title \_\_\_\_ Other (specify  
below) below)  
Corp VP, Global Franchise Mgmt

IRVINE, CA 92614

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

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_X\_\_ 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<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
|                                       |                                         |                                                             | Code                                 | V                                                                          | Amount<br>(A)<br>or<br>(D)                                                                                         | Price                                                                |                                                                   |
| Common<br>Stock                       |                                         |                                                             |                                      |                                                                            |                                                                                                                    | 4,141                                                                | I                                                                 |
|                                       |                                         |                                                             |                                      |                                                                            |                                                                                                                    |                                                                      | By 401(k)<br>(1)                                                  |
| Common<br>Stock                       | 05/12/2005                              |                                                             | A                                    |                                                                            | 6,000<br>(2)                                                                                                       | A \$ 0                                                               | 14,616 (3) (4)                                                    |
|                                       |                                         |                                                             |                                      |                                                                            |                                                                                                                    |                                                                      | D                                                                 |

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

**Persons who respond to the collection of  
information contained in this form are not  
required to respond unless the form  
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SEC 1474  
(9-02)

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**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 Security (Instr. 3 and 4) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|
| Employee Stock Option (Right to Acquire)   | \$ 45.9                                                | 05/12/2005                           |                                                    | A                              | 49,000                                                                                  | 05/12/2006 <sup>(5)</sup> 05/11/2012                     | Common Stock 49,000                                         |

## Reporting Owners

| Reporting Owner Name / Address                                                                | Relationships                                                      |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| BESSLER ANITA<br>C/O EDWARDS LIFESCIENCES CORPORATION;<br>ONE EDWARDS WAY<br>IRVINE, CA 92614 | Director 10% Owner Officer Other<br>Corp VP, Global Franchise Mgmt |

## Signatures

/s/ Jay P. Wertheim,  
Attorney-in-fact 05/13/2005

\_\_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) Shares represented on the most recent statement of the 401(k) Plan Administrator where a unitized accounting procedure is utilized to convert the equities to share equivalents.
- (2) Reflects unvested restricted stock units granted on May 12, 2005.
- (3) This amount includes quarterly acquisitions of shares under the Edwards Lifesciences Corporation Employee Stock Purchase Plan as reflected on the most recent report of the plan administrator.
- (4) This Form 4 reflects changes in beneficial ownership only; it does not identify other securities of the Issuer beneficially owned by the reporting person.
- (5) This option was granted on May 12, 2005 under the Edwards Lifesciences Corporation Long-Term Stock Incentive Compensation Program and becomes exercisable commencing one year after the grant date in four equal annual installments.

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

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