

EDWARDS LIFESCIENCES CORP

Form 4

May 24, 2006

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)

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

05/23/2006

____ Director ____ 10% Owner
____X____ Officer (give title ____ Other (specify
below) below)

Corp VP, Global Franchise Mgmt

**C/O EDWARDS LIFESCIENCES
CORPORATION;, ONE
EDWARDS WAY**

(Street)

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

IRVINE, CA 92614

(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 Indirect Beneficial Ownership (Instr. 4)
Common Stock				(A) or (D)	Price		
			Code	V	Amount		
Common Stock	05/23/2006		M		20,000	A	\$ 13.2109
Common Stock	05/23/2006		S		20,000	D	\$ 43.462
					4,828 ⁽¹⁾	I	By 401(k)
					42,055 ⁽²⁾	D	
					22,055 ⁽²⁾	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**

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 Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Employee Stock Option (Right to Acquire)	\$ 13.2109	05/01/2006		M	20,000	11/16/2001 11/16/2008	Common Stock 20,000

Reporting Owners

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

Signatures

/s/ Jay P. Wertheim,
Attorney-in-fact 05/24/2006

**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) This Form 4 reflects changes in beneficial ownership only; it does not identify other securities of the Issuer beneficially owned by the reporting person.

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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