

EDWARDS LIFESCIENCES CORP  
 Form 4  
 August 03, 2006

**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, 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 \*  
 MUSSALLEM MICHAEL A

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

3. Date of Earliest Transaction (Month/Day/Year)  
 08/01/2006

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Chairman of the Board & CEO

(Street)  
 IRVINE, CA 92614

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	08/01/2006		M <sup>(1)</sup>	14,000 A \$ 10.1955	106,622 <sup>(2)</sup>	D	
Common Stock	08/01/2006		S <sup>(1)</sup>	300 D \$ 43.45	106,322 <sup>(2)</sup>	D	
Common Stock	08/01/2006		S <sup>(1)</sup>	200 D \$ 43.5	106,122 <sup>(2)</sup>	D	
Common Stock	08/01/2006		S <sup>(1)</sup>	2,400 D \$ 43.52	103,722 <sup>(2)</sup>	D	
	08/01/2006		S <sup>(1)</sup>	100 D \$ 43.53	103,622 <sup>(2)</sup>	D	

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Common Stock							
Common Stock	08/01/2006	<u>S(1)</u>	600	D	\$ 43.54	103,022 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	3,900	D	\$ 43.55	99,122 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	400	D	\$ 43.56	98,722 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	1,200	D	\$ 43.57	97,522 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	300	D	\$ 43.58	97,222 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	300	D	\$ 43.59	96,922 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	100	D	\$ 43.62	96,822 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	200	D	\$ 43.63	96,622 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	100	D	\$ 43.66	96,522 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	100	D	\$ 43.73	96,422 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	300	D	\$ 43.85	96,122 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	700	D	\$ 43.86	95,422 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	200	D	\$ 43.87	95,222 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	300	D	\$ 43.88	94,922 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	100	D	\$ 43.89	94,822 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	100	D	\$ 43.91	94,722 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	300	D	\$ 43.92	94,422 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	100	D	\$ 44	94,322 <u>(2)</u>	D
Common Stock	08/01/2006	<u>S(1)</u>	100	D	\$ 44.08	94,222 <u>(2)</u>	D
	08/01/2006	<u>S(1)</u>	1,600	D	\$ 44.09	92,622 <u>(2)</u>	D

Common  
Stock

Common  
Stock

32,434

I

By 401(k)  
(3)

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
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Employee Stock Option (Right to Acquire)	\$ 10.1955	08/01/2006		M <sup>(1)</sup>	14,000	11/18/2000	11/18/2007	Common Stock	14,000

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director      10% Owner      Officer      Other

MUSSALLEM MICHAEL A  
C/O EDWARDS LIFESCIENCES CORPORATION  
ONE EDWARDS WAY  
IRVINE, CA 92614

X

Chairman of  
the Board &  
CEO

## Signatures

/s/ Jay P. Wertheim,  
Attorney-in-fact

08/03/2006

          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) The transactions reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 16, 2006.
- (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.
- (3) 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.

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