#### **EDWARDS LIFESCIENCES CORP**

Form 4

October 03, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** Number:

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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

1(b).

Common

Common

Common

Stock

Stock

Stock

10/02/2006

10/02/2006

10/02/2006

10/02/2006

(Print or Type Responses)

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading MUSSALLEM MICHAEL A Issuer Symbol **EDWARDS LIFESCIENCES CORP** (Check all applicable) [EW] (Last) (First) (Middle) 3. Date of Earliest Transaction \_X\_\_ Director 10% Owner X\_ Officer (give title Other (specify (Month/Day/Year) below) C/O EDWARDS LIFESCIENCES 10/02/2006 Chairman of the Board & CEO CORPORATION, ONE EDWARDS WAY (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting **IRVINE**, CA 92614 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 5. Amount of 7. Nature of 4. Securities Acquired (A) Indirect Security (Month/Day/Year) Execution Date, if Transactionor Disposed of (D) Securities Ownership (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership Following or Indirect (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) or (Instr. 3 and 4) Code V (D) Price Amount Common \$ 10/02/2006  $M^{(1)}$ 106,622 (2) D 14,000 Α Stock 10.1955

 $S^{(1)}$ 

 $S^{(1)}$ 

 $S^{(1)}$ 

 $S^{(1)}$ 

900

1,600

100

100

\$ 46.38

\$ 46.39

\$ 46.4

\$ 46.42

D

D

D

D

 $105,722 \stackrel{(2)}{=}$ 

104,122 (2)

 $104,022 \frac{(2)}{2}$ 

103,922 (2)

D

D

D

D

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Common Stock								
Common Stock	10/02/2006	S <u>(1)</u>	1,100	D	\$ 46.43	102,822 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	1,100	D	\$ 46.45	101,722 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	2,400	D	\$ 46.46	99,322 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	600	D	\$ 46.48	98,722 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	100	D	\$ 46.49	98,622 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	500	D	\$ 46.5	98,122 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	400	D	\$ 46.51	97,722 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	1,600	D	\$ 46.52	96,122 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	100	D	\$ 46.53	96,022 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	200	D	\$ 46.54	95,822 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	1,200	D	\$ 46.55	94,622 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	100	D	\$ 46.56	94,522 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	1,800	D	\$ 46.6	92,722 (2)	D	
Common Stock	10/02/2006	S <u>(1)</u>	100	D	\$ 46.61	92,622 (2)	D	
Common Stock						32,387	I	By 401(k)

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

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SEC 1474 (9-02)

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

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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 nDerivative 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 Share
Employee Stock Option (Right to Aquire)	\$ 10.1955	10/02/2006		M <u>(1)</u>		14,000	11/18/2000	11/18/2007	Common Stock	14,000

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
. 0	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

\*\*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.

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.

Reporting Owners 3