

EDWARDS LIFESCIENCES CORP
 Form 4
 November 02, 2006

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

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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

 (Last) (First) (Middle)

C/O EDWARDS LIFESCIENCES CORPORATION, ONE EDWARDS WAY

 (Street)

IRVINE, CA 92614

 (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
EDWARDS LIFESCIENCES CORP [EW]

3. Date of Earliest Transaction (Month/Day/Year)
10/02/2006

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

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 Director 10% Owner
 Officer (give title below) Other (specify below)
Chairman of the Board & CEO

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 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. 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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	11/01/2006		M ⁽¹⁾	8,552 A \$ 10.1955	101,174 ⁽²⁾	D	
Common Stock	11/01/2006		M ⁽¹⁾	5,448 A \$ 13.21	106,622 ⁽²⁾	D	
Common Stock	11/01/2006		S ⁽¹⁾	1,500 D \$ 42.5	105,122 ⁽²⁾	D	
Common Stock	11/01/2006		S ⁽¹⁾	2,000 D \$ 42.52	103,122 ⁽²⁾	D	
	11/01/2006		S ⁽¹⁾	100 D \$ 42.56	103,022 ⁽²⁾	D	

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Common Stock									
Common Stock	11/01/2006		S ⁽¹⁾	3,700	D	\$ 42.6	99,322 ⁽²⁾	D	
Common Stock	11/01/2006		S ⁽¹⁾	200	D	\$ 42.64	99,122 ⁽²⁾	D	
Common Stock	11/01/2006		S ⁽¹⁾	500	D	\$ 42.65	98,622 ⁽²⁾	D	
Common Stock	11/01/2006		S ⁽¹⁾	900	D	\$ 42.67	97,722 ⁽²⁾	D	
Common Stock	11/01/2006		S ⁽¹⁾	3,000	D	\$ 42.68	94,722 ⁽²⁾	D	
Common Stock	10/02/2006		S ⁽¹⁾	2,100	D	\$ 42.7	92,622 ⁽²⁾	D	
Common Stock							32,461	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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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	11/01/2006		M ⁽¹⁾	8,552	11/18/2000	11/18/2007	Common Stock	8,552
Employee Stock Option	\$ 13.2109	11/01/2006		M ⁽¹⁾	5,448	11/16/2001	11/16/2008	Common Stock	5,448

