EDWARDS LIFESCIENCES CORP

Form 4

August 28, 2006

FORM 4

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

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

response... 0.5

OMB APPROVAL

subject to Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

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

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

08/25/2006

08/28/2006

Stock

1. Name and A WANG HU	2. Issuer Name and Ticker or Trading Symbol EDWARDS LIFESCIENCES CORP [EW]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last) C/O EDWA CORPORA' WAY	3. Date of Earliest Transaction (Month/Day/Year) 08/24/2006					Director 10% OwnerX_ Officer (give title Other (specify below) Corp VP, Japan				
IRVINE, CA	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)	Tabl	le I - Non-I	Derivative :	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Executio any	med n Date, if Day/Year)	3. Transactic Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	of (D)	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	08/24/2006			M	10,000	A	\$ 13.87	34,379 (1) (2)	D	
Common Stock	08/24/2006			S	10,000	D	\$ 46.05	24,379 (1)	D	
Common Stock	08/25/2006			M	10,000	A	\$ 13.87	34,379 (1)	D	
Common	08/25/2006			S	10.000	D	\$	24 379 (1)	D	

S

M

10,000 D

10,000 A

24,379 (1)

34,379 (1)

46.31

D

D

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Common \$ 13.87 Common Stock S 10,000 D \$ 24,379 (1) D

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)

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. 5. Number of TransactionDerivative Code Securities (Instr. 8) 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)	\$ 13.87	08/24/2006		M		10,000	04/03/2003	04/03/2010	Common Stock	10,000
Employee Stock Option (Right to Aquire)	\$ 13.87	08/25/2006		M		10,000	04/03/2003	04/03/2010	Common Stock	10,000
Employee Stock Option (Right to Aquire)	\$ 13.87	08/28/2006		M		10,000	04/03/2003	04/03/2010	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

WANG HUIMIN Corp VP, Japan

C/O EDWARDS LIFESCIENCES CORPORATION

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ONE EDWARDS WAY IRVINE, CA 92614

Signatures

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

08/28/2006

**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) This Form 4 reflects changes in beneficial ownership only; it does not identify other securities of the Issuer beneficially owned by the reporting person.
- (2) 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.

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.

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