EDWARDS LIFESCIENCES CORP Form SC 13G/A February 04, 2008

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 2)\*

Edwards Lifesciences Corporation

-----

(Name of Issuer)

common stock

-----

(Title of Class of Securities)

28176E108

-----

(CUSIP Number)

December 31, 2007

-----

(Date of Event Which requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [X] Rule 13d-1(b)
- [\_] Rule 13d-(c)
- [\_] Rule 13d-1(d)

\_\_\_\_\_

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Page 1 of 10 Pages

CUSIP No. 2817	6E108	Schedule 13G	Page 2 of 10 Pages
I.R.S. ID	EPORTING PERSON ENTIFICATION NO sset Management	). OF ABOVE PERSONS (	ENTITIES ONLY)
2. CHECK THE	APPROPRIATE BO	DX IF A MEMBER OF A G	ROUP* (a) [_] (b) [X]
3. SEC USE O	NLY		
<ol> <li>CITIZENSH</li> <li>Delaware</li> </ol>	IP OR PLACE OF	ORGANIZATION	
NUMBER OF	5. SOLE VOTI	ING POWER	
SHARES	0		
BENEFICIALLY	6. SHARED VC	DTING POWER	
OWNED BY	4,042,137	7	
EACH	7. SOLE DISE	POSITIVE POWER	
REPORTING	0		
PERSON	8. SHARED DI	ISPOSITIVE POWER	
WITH	4,042,137	7	
9. AGGREGATE 4,042,137		CIALLY OWNED BY EACH	REPORTING PERSON
10. CHECK BOX	IF THE AGGREGA	ATE AMOUNT IN ROW (9)	EXCLUDES CERTAIN SHARES*
			[_]
11. PERCENT O	F CLASS REPRESE	ENTED BY AMOUNT IN RO	W (9)
7.1%			

12. TYPE OF REPORTING PERSON\*

			*SEE INSTRUCTIONS BEFORE FILLING OUT	!
CUSIP	No. 2817	6E108	Schedule 13G Pa	ge 3 of 10 Pages
1.	I.R.S. ID	ENTIF	ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES nd Company of the Bank of Ireland	ONLY)
2.	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP*	(a) [_] (b) [X]
3.	SEC USE O	NLY		
	CITIZENSH Republic		PLACE OF ORGANIZATION eland	
NUM	IBER OF	5.	SOLE VOTING POWER	
SH	ARES		0	
BENEF	ICIALLY	6.	SHARED VOTING POWER	
OWNED BY			4,042,137	
E	ACH	7.	SOLE DISPOSITIVE POWER	
REPORTING			0	
PERSON 8.		8.	SHARED DISPOSITIVE POWER	
Ŵ	ITH		4,042,137	
9.	AGGREGATE 4,042,137	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTIN	G PERSON
10.	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDE	S CERTAIN SHARES*

[\_]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

12. TYPE OF	F REPOR	ING PERSON*		
CO				
		*SEE INSTRUCTI	ONS BEFORE FI	LLING OUT!
CUSIP No. 28	8176E108	S Sched	ule 13G	Page 4 of 10 Pages
		ING PERSONS	BOVE PERSONS	(ENTITIES ONLY)
BIAM Ho	JIAINGS			
2. CHECK	THE APPI	ROPRIATE BOX IF A	MEMBER OF A	GROUP*
				(a) [_] (b) [X]
3. SEC USH	E ONLY			
		R PLACE OF ORGANI	ZATION	
Republ:	ic of I	reland		
NUMBER OF	5.	SOLE VOTING POW	ER	
SHARES		0		
BENEFICIALLY	Y 6.	SHARED VOTING P	OWER	
OWNED BY		4,042,137		
EACH	7.	SOLE DISPOSITIV	E POWER	
REPORTING		0		
PERSON	8.	SHARED DISPOSIT	IVE POWER	
WITH		4,042,137		
9. AGGREGA	ATE AMOU	UNT BENEFICIALLY	OWNED BY EACH	H REPORTING PERSON
4,042,2	137			

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

[\_]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

	7.1%				
12.	TYPE OF R	EPORT	ING PERSON*		
	CO				
			*SEE INSTRUCTIONS BEFORE FILLING OUT!		
CUSI	P No. 2817	6E108	Schedule 13G Page 5 of 3	LO Pages	
1.			ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)		
	BancIrela	nd (U	5) Holdings, Inc.		
2.	2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*				
				(a) [_] (b) [X]	
3.	SEC USE O	NLY			
4.	CITIZENSH	TP OR	PLACE OF ORGANIZATION		
1.	New Hamps				
NUI	MBER OF	5.	SOLE VOTING POWER		
SI	HARES		0		
BENE	FICIALLY	6.	SHARED VOTING POWER		
OWI	NED BY		4,042,137		
EACH		7.	SOLE DISPOSITIVE POWER		
REI	PORTING		0		
Pl	ERSON	8.	SHARED DISPOSITIVE POWER		
T	WITH		4,042,137		
9.	AGGREGATE	AMOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	4,042,137				

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

[\_]

11.	. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	7.1%				
1.0					
12.	. TYPE OF REPORTING PERSON*				
	CO				
			*SEE INSTRUCTIONS BEFORE FILLING OUT!		
CUSI	P No. 2817	6E108	Schedule 13G Page 6 of	10 Pages	
				2	
1.			ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)		
	BIAM (US)	Inc.			
2.	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP*		
				(a) [_] (b) [X]	
3.	SEC USE C	DNLY			
4.	4. CITIZENSHIP OR PLACE OF ORGANIZATION				
	Delaware				
NU	MBER OF	5.	SOLE VOTING POWER		
S	HARES		0		
BENEFICIALLY 6.		6.	SHARED VOTING POWER		
OW	NED BY		4,042,137		
	EACH	7.	SOLE DISPOSITIVE POWER		
REPORTING			0		
P	ERSON	8.	SHARED DISPOSITIVE POWER		
	WITH		4,042,137		

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,042,137

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

[\_]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

7.1%

12. TYPE OF REPORTING PERSON\*

СО

\*SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 28176E108 SCHEDULE 13G

Page 7 of 10 Pages

This Amendment amends in its entirety the Schedule 13G previously filed for the month ended December 31, 2006.

Item 1(a). Name of Issuer:

Edwards Lifesciences Corporation

Item 1(b). Address of Issuer's Principal Executive Offices:

One Edwards Way Irvine, California 92614

#### Item 2.

(a) Name of Person Filing.

This Statement is being filed by and on behalf of Iridian Asset Management LLC ("Iridian"), The Governor and Company of the Bank of Ireland (the "Bank of Ireland"), BIAM Holdings ("Holdings"), BancIreland (US) Holdings, Inc. ("BancIreland"), and BIAM (US) Inc. (collectively, the "Reporting Persons").

(b) Address of Principal Business Office:

The principal business address of Iridian is 276 Post Road West, Westport, CT 06880-4704.

The principal business address of Bank of Ireland and Holdings is Head Office, Lower Baggot Street, Dublin 2, Ireland.

The principal business address of BancIreland and BIAM (US) Inc. is Liberty Park #15, 282 Route 101, Amherst, NH 03110.

(c) Citizenship or Place of Organization:

Iridian is a limited liability company. Bank of Ireland and Holdings are Ireland corporations. BancIreland is a New Hampshire corporation. BIAM (US) Inc. is a

Delaware corporation.

d) Title of Class of Securities:

This Statement relates to the shares common stock, \$1.00 par value, of Edwards Lifesciecnes Corporation.

(e) CUSIP Number: The CUSIP number is 28176E108.

CUSIP No. 28176E108 SCHEDULE 13G Page 8 of 10 Pages

Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:

- (a) [\_] Broker or dealer registered under Section 15 of the Exchange Act.
- (b) [\_] Bank as defined in Section 3(a)(6) of the Exchange Act.
- (c) [\_] Insurance company as defined in Section 3(a)(19) of the Exchange Act.
- (d) [\_] Investment company registered under Section 8 of the Investment Company Act.
- (e) [X] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f) [\_] An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (h) [\_] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
- (i) [\_] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;
- (j) [\_] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Rule 13d-1(c), check this box. [\_]

Item 4. Ownership.

(a) and (b). Amount Beneficially Owned and Percent of Class:

As of the date of this Statement, the Reporting Persons beneficially owned in the aggregate 4,042,137 shares of Common Stock which equates to approximately 7.1% of the outstanding shares(the percentage of shares of Common Stock owned being based upon 57,705,179 shares of Common Stock outstanding at October 31, 2007 as set forth in the Issuer's Quarterly Report on Form 10-Q for the quarter ended September 30, 2007).

Iridian has direct beneficial ownership of the shares of Common Stock in the accounts for which it serves as the investment adviser under its investment

management agreements.

BIAM (US) Inc., as the controlling member of Iridian, may be deemed to possess beneficial ownership of the shares of Common Stock beneficially owned by Iridian. BancIreland, as the sole shareholder of BIAM (US) Inc. may be deemed to possess beneficial ownership of the shares of Common Stock beneficially owned by BIAM (US) Inc. Holdings, as the sole shareholder of BancIreland, may be deemed to possess beneficial ownership of the shares of Common Stock beneficially owned by BancIreland. Bank of Ireland, as the sole shareholder of Holdings, may be deemed to possess beneficial ownership of the shares of Common Stock beneficially beneficially owned by Holdings.

As used herein, "beneficial ownership" has the meaning set forth in Rule 13d-3 under the Securities Exchange Act of 1934, as amended.

CUSIP No. 28176E108 SCHEDULE 13G Page 9 of 10 Pages

(c) Power to vote or dispose.

Iridian has the direct power to vote or direct the vote, and the direct power to dispose or direct the disposition, of 4,042,137 shares of Common Stock.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: \_\_\_\_\_

Not Applicable.

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

The item 3 classification of each Reporting Person is as follows:

Iridian is an investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).

The Bank of Ireland is a parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).

Holdings is a parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).

BancIreland is a parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).

BIAM (US) Inc. is a parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below the undersigned certifies that, to the best of its or his knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of and do not have the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having such purpose or effect.

CUSIP No. 28176E108

SCHEDULE 13-G

Page 10 of 10 Pages

SIGNATURE.

After reasonable inquiry and to the best of its or his knowledge and belief, we certify that the information set forth in this statement is true, complete and correct.

Date: February 4, 2008

IRIDIAN ASSET MANAGEMENT LLC

By: /s/ Jeffrey M. Elliott Jeffrey M. Elliott Executive Vice President

THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND

By: /s/ John Clifford John Clifford Group Secretary

BIAM HOLDINGS

By: /s/ John Clifford John Clifford Group Secretary

BANCIRELAND (US) HOLDINGS, INC.

By: /s/ Jeffrey M. Elliott Jeffrey M. Elliott Agent BIAM (US) INC. By: /s/ Jeffrey M. Elliott Jeffrey M. Elliott Agent