Grossman Paul David Form 4 June 03, 2010

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

0.5

Expires: January 31, 2005

**OMB APPROVAL** 

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

may continue.

See Instruction

Check this box

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * Grossman Paul David			2. Issuer Name <b>and</b> Ticker or Trading Symbol Life Technologies Corp [LIFE]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)			
5791 VAN .	ALLEN WA	Y	(Month/Day/Year) 06/01/2010	Director 10% Owner Officer (give title below) Other (specify below) SVP, Corporate Strategy & Dev.			
(Street)			4. If Amendment, Date Original 6. Individual or Joint/Group Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporti				
CARLSBAI	D, CA 92008			Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acc	quired, Disposed of, or Beneficially Owner			

(City)	(State)	Table	e I - Non-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	Execution Date, if	3. 4. Securities Acquired Transaction(A) or Disposed of (D)			Securities Ownership		7. Nature of Indirect	
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3, 4	(A)	))	Beneficially Owned Following Reported	Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock (1)	06/01/2010	06/01/2010	M	30,000	A	\$ 49.28	32,136	D	
Common Stock (2)	06/01/2010	06/01/2010	F	14,004	D	\$ 49.28	18,132	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)

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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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units (1)	\$ 0	06/01/2010	06/01/2010	M	30,000	06/01/2010	06/01/2017	Common Stock	30,000

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Grossman Paul David 5791 VAN ALLEN WAY CARLSBAD, CA 92008

SVP, Corporate Strategy & Dev.

### **Signatures**

/s/ David L. Szekeres, POA 06/03/2010

\*\*Signature of Reporting 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) Vesting of shares under RSU Grant #RS2119
- (2) Shares withheld to cover tax liability from vesting of RSU Grant#2119

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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