

Grossman Paul David
 Form 4
 November 23, 2010

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *
 Grossman Paul David

2. Issuer Name and Ticker or Trading Symbol
 Life Technologies Corp [LIFE]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 5791 VAN ALLEN WAY
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/22/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP, Corporate Strategy & Dev.

CARLSBAD, CA 92008

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock ⁽¹⁾	11/22/2010	11/22/2010	S		2,800 D \$ 50.3	15,332	D
Common Stock ⁽¹⁾	11/22/2010	11/22/2010	S		2,500 D \$ 50.305	12,832	D
Common Stock ⁽¹⁾	11/22/2010	11/22/2010	S		900 D \$ 50.3075	11,932	D
Common Stock ⁽¹⁾	11/22/2010	11/22/2010	S		700 D \$ 50.31	11,232	D
Common Stock ⁽¹⁾	11/22/2010	11/22/2010	S		500 D \$ 50.315	10,732	D

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Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	1,100	D	\$ 50.32	9,632	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	300	D	\$ 50.325	9,332	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	1,000	D	\$ 50.33	8,332	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	400	D	\$ 50.34	7,932	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	200	D	\$ 50.35	7,732	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	700	D	\$ 50.36	7,032	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	300	D	\$ 50.37	6,732	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	700	D	\$ 50.375	6,032	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	200	D	\$ 50.3775	5,832	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	229	D	\$ 50.38	5,603	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	200	D	\$ 50.385	5,403	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	300	D	\$ 50.39	5,103	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	400	D	\$ 50.395	4,703	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	100	D	\$ 50.3975	4,603	D
Common Stock <u>(1)</u>	11/22/2010	11/22/2010	S	500	D	\$ 50.4	4,103	D

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

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(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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
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Derivative
Security

Securities
Acquired
(A) or
Disposed
of (D)
(Instr. 3,
4, and 5)

(Instr. 3 and 4)

Own
Follo
Repo
Trans
(Instr

Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
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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

11/23/2010

__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) Sale of common shares

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