

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 <sup>(1)</sup>	11/22/2010	11/22/2010	S		2,800	D	\$ 50.3	15,332	D
Common Stock <sup>(1)</sup>	11/22/2010	11/22/2010	S		2,500	D	\$ 50.305	12,832	D
Common Stock <sup>(1)</sup>	11/22/2010	11/22/2010	S		900	D	\$ 50.3075	11,932	D
Common Stock <sup>(1)</sup>	11/22/2010	11/22/2010	S		700	D	\$ 50.31	11,232	D
Common Stock <sup>(1)</sup>	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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**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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