INVITROGEN CORP

Form 4

August 06, 2007

FORM 4

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

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OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * LUCIER GREGORY T			2. Issuer Name and Ticker or Trading Symbol INVITROGEN CORP [IVGN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year)	_X_ Director 10% Owner		
1600 FARADAY AVENUE			08/02/2007	_X_ Officer (give title Other (specify below)		
				Chairman & CEO		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
CARLSBAD	, CA 92084			_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	e I - No	n-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr.		4. Securit n(A) or Dis (Instr. 3, 4	sposed 4 and 5 (A) or	of (D) 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)
Common Stock	08/02/2007	08/02/2007	Code	V	Amount 20,600	(D) D (2)	Price \$ 78	654,400	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	600	D (2)	\$ 78.01	653,800	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	300	D (2)	\$ 78.02	653,500	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	7,500	D (2)	\$ 78.03	646,000	I	See Footnote

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										<u>(1)</u>
Common Stock	08/02/2007	08/02/2007	S	V 3	300	D (2)	\$ 78.04	645,700	I	See Footnote
Common Stock	08/02/2007	08/02/2007	S	V	1,400	D (2)	\$ 78.05	644,300	I	See Footnote
Common Stock	08/02/2007	08/02/2007	S	V 8	800	D (2)	\$ 78.06	643,500	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V 4	4,000	D (2)	\$ 78.07	639,500	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	600	D (2)	\$ 78.08	638,900	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	600	D (2)	\$ 78.09	638,300	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V 2	200	D (2)	\$ 78.1	638,100	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	600	D (2)	\$ 78.11	637,500	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V 3	300	D (2)	\$ 78.12	637,200	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	300	D (2)	\$ 78.13	636,900	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	414	D (2)	\$ 78.14	636,486	I	See Footnote
Common Stock	08/02/2007	08/02/2007	S	V	100	D (2)	\$ 78.15	636,386	I	See Footnote
Common Stock	08/02/2007	08/02/2007	S	V :	500	D (2)	\$ 78.16	635,886	I	See Footnote
Common Stock	08/02/2007	08/02/2007	S	V 8	86	D (2)	\$ 78.17	635,800	I	See Footnote (1)

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Common Stock	08/02/2007	08/02/2007	S	V	1,700	D (2)	\$ 78.2	634,100	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	100	D (2)	\$ 78.21	634,000	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	300	D (2)	\$ 78.23	633,700	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	1,400	D (2)	\$ 78.24	632,300	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	1,400	D (2)	\$ 78.32	630,900	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	100	D (2)	\$ 78.37	630,800	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	100	D (2)	\$ 78.38	630,700	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	2,100	D (2)	\$ 78.45	628,600	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	1,200	D (2)	\$ 78.46	627,400	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	1,200	D (2)	\$ 78.47	626,200	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	300	D (2)	\$ 78.48	625,900	I	See Footnote (1)
Common Stock	08/02/2007	08/02/2007	S	V	600	D (2)	\$ 78.49	625,300	I	See Footnote (1)

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)

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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 Amo Underlying Secu (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Ar Nu Sh
Non_Qualified Stock Option	\$ 38.01	08/01/2007	08/01/2007	M V	50,000	05/30/2004	05/30/2013	Common Stock (3)	62

Reporting Owners

Reporting Owner Name / Address		Relationships							
• 0	Director	10% Owner	Officer	Other					
LUCIER GREGORY T									
1600 FARADAY AVENUE	X		Chairman & CEO						
CARLSBAD, CA 92084									

Signatures

/s/ Joseph W. Secondine, Jr. POA 08/06/2007

**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) Shares held in the Greg. T. & Marilen Lucier Revocable Living Trust.
- (2) Shares sold pursuant to a 10B5-1 trading plan.
- (3) Grant # GL0001.

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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