

INVITROGEN CORP  
Form 4/A  
December 04, 2007

**FORM 4**

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

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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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2005  
Estimated average  
burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**THOMPSON JOHN D**

(Last) (First) (Middle)

1600 FARADAY AVENUE

(Street)

CARLSBAD, CA 92008

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
**INVITROGEN CORP [IVGN]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**07/10/2007**

4. If Amendment, Date Original  
Filed(Month/Day/Year)  
**09/07/2007**

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
☒ Officer (give title below) \_\_\_\_ Other (specify  
below) below)

SVP, Corporate Development

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

**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)
Common Stock	09/05/2007	09/05/2007	S	(A) or (D) Amount 27,813 (1) D	\$ 80 6,617	D	

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

**Persons who respond to the collection of  
information contained in this form are not  
required to respond unless the form  
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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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Security (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Incentive Stock Option	\$ 45.64	09/05/2007	09/05/2007	M	V	625	(2)	02/28/2003	02/28/2012	Common Stock	625	
Non-Qualified Stock Option	\$ 45.64	09/05/2007	09/05/2007	M	V	1,875	(3)	11/30/2003	02/28/2012	Common Stock	1,875	
Non-Qualified Stock Option	\$ 34.51	09/05/2007	09/05/2007	M	V	25,313	(4)	09/06/2006	09/06/2012	Common Stock	25,313	

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
THOMPSON JOHN D 1600 FARADAY AVENUE CARLSBAD, CA 92008	SVP, Corporate Development

## Signatures

/s/ Joseph W. Secondine,  
Jr. POA 09/07/2007

\_\_\_\_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 sold pursuant to a 10b5-1 trading plan.
- (2) Exercised and sold from grant # 4412.
- (3) Exercised and sold from grant # 4413.
- (4) Exercised and sold from grant # 5060.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.  
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