

INVITROGEN CORP
Form 4/A
December 04, 2007

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 *
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)
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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Amount (D) Price | | |
| Common Stock | 09/05/2007 | 09/05/2007 | S | (1) | 27,813 \$ 80 6,617 | 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)

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

THOMPSON JOHN D
1600 FARADAY AVENUE
CARLSBAD, CA 92008

Director 10% Owner Officer Other

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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