

LUCIER GREGORY T
Form 4
December 12, 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 *
LUCIER GREGORY T

(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)
12/11/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
CEO

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) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| | | | | (A) or (D) | Price | | |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V 510 D | \$ 95.1 | 70,194 | I by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V 800 D | \$ 95.11 | 69,394 | I by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V 300 D | \$ 95.12 | 69,094 | I by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V 800 D | \$ 95.13 | 68,294 | I by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V 400 D | \$ 95.15 | 67,894 | I by trust |

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| | | | | | | | | | | |
|--------------|------------|------------|---|---|-------|---|----------|--------|---|----------|
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 300 | D | \$ 95.18 | 67,594 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 600 | D | \$ 95.25 | 66,994 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 287 | D | \$ 95.31 | 66,707 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 1,103 | D | \$ 95.32 | 65,604 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 600 | D | \$ 95.36 | 65,004 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 400 | D | \$ 95.43 | 64,604 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 200 | D | \$ 95.44 | 64,404 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 300 | D | \$ 95.5 | 64,104 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 700 | D | \$ 95.53 | 63,404 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 415 | D | \$ 95.54 | 62,989 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 100 | D | \$ 95.57 | 62,889 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 513 | D | \$ 95.59 | 62,376 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 1,800 | D | \$ 95.6 | 60,576 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 1,573 | D | \$ 95.61 | 59,003 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 300 | D | \$ 95.62 | 58,703 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 3 | D | \$ 95.63 | 58,700 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 285 | D | \$ 95.68 | 58,415 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 100 | D | \$ 95.69 | 58,315 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 200 | D | \$ 95.82 | 58,115 | I | by trust |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 100 | D | \$ 95.83 | 58,015 | I | by trust |
| | 12/11/2007 | 12/11/2007 | S | V | 200 | D | | 57,815 | I | by trust |

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| | | | | | | | | | | |
|--------------|------------|------------|---|---|-----|-------|-------|--------|---|----------|
| Common Stock | | | | | | \$ | | | | |
| | | | | | | 95.85 | | | | |
| Common Stock | 12/11/2007 | 12/11/2007 | S | V | 200 | D | \$ | 57,615 | I | by trust |
| | | | | | | | 95.89 | | | |

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 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) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|
| Non-Qualified Stock Option | \$ 38.01 | 12/11/2007 | 12/11/2007 | M V | 65,676 (2) (3) | 05/30/2004 05/30/2013 | Common Stock |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---------------------------------------------------------------|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| LUCIER GREGORY T 1600 FARADAY AVENUE CARLSBAD, CA 92008 | | | CEO | |

Signatures

/s/ Joseph W. Secondine, Jr. 12/12/2007

**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. and Marilena Lucier Revocable Living Trust.
- (2) Shares sold pursuant to a 10b5-1 trading plan.

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(3) Shares exercised and sold from 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.

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