

INVITROGEN CORP
Form 4
October 22, 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
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(Print or Type Responses)

1. Name and Address of Reporting Person *
COTTINGHAM JOHN A

(Last) (First) (Middle)

1600 FARADAY AVENUE

(Street)

CARLSBAD, CA 92084

(City) (State) (Zip)

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

3. Date of Earliest Transaction
(Month/Day/Year)
10/18/2007

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

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

SVP, Gen Counsel & Secretary

6. Individual or Joint/Group Filing(Check
Applicable Line)
X 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 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 Indirect Beneficial (Instr. 4)	
			Code	V	Amount	(A) or (D)	Price	
Common Stock	10/18/2007	10/18/2007	M		10,000	A	\$ 56.86	10,000 D
Common Stock	10/18/2007	10/18/2007	S		10,000	D	\$ 84.52	0 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
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(9-02)

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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 Securities (Instr. 3 and 4)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Qualified Stock Option	\$ 56.86	10/18/2007	10/18/2007	M		10,000 <u>(1)</u> <u>(2)</u>		10/11/2002	10/11/2010	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
COTTINGHAM JOHN A 1600 FARADAY AVENUE CARLSBAD, CA 92084	SVP, Gen Counsel & Secretary

Signatures

/s/ Joseph W. Secondine, Jr. /
POA 10/18/2007

__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) Options exercised from grant #002271

(2) Options exercised pursuant to a 10b5-1 trading plan

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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