INVITROGEN CORP

Form 4 May 19, 2008

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

if no longer subject to Section 16. Form 4 or Form 5

Check this box

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

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Hoffmeister David F

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

OMB

Number:

Expires:

response...

Estimated average

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OMB APPROVAL

3235-0287

January 31,

2005

0.5

Symbol

INVITROGEN CORP [IVGN]

(Check all applicable)

(First) (Middle) (Last)

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

05/15/2008

Director 10% Owner X_ Officer (give title Other (specify

below)

below) Chief Financial Officer

(Street)

5791 VAN ALLEN WAY

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

CARLSBAD, CA 92008

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Reported (A) Transaction(s)

Code V Amount (D) Price

(Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amo Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative **Expiration Date** Underlying Secu Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) any

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (or Dispose (D) (Instr. 3, 4 and 5)	ed of				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	An or Nu of S
Non-Qualified Stock Options (1)	\$ 93.7	05/15/2008	05/15/2008	A	V	14,407		05/15/2009	05/15/2018	Common Stock	14
Restricted Stock Units. (2)	\$ 0	05/15/2008	05/15/2008	A	V	1,600		05/15/2009	05/15/2018	Common Stock	1.
Performance Shares. (3)	\$ 0	05/15/2008	05/15/2008	A	V	1,600		05/15/2009	05/15/2018	Common Stock	1.

Reporting Owners

Reporting Owner Name / Address		Treation Simps	
	 		_

Director 10% Owner Officer Other

Relationshins

Hoffmeister David F 5791 VAN ALLEN WAY CARLSBAD, CA 92008

Chief Financial Officer

Signatures

/s/ Joseph W. Secondine. Jr./POA

05/19/2008

Date

**Signature of Reporting Person

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) Option grant # F080403.
- (2) Option grant # F080682.
- (3) Option grant # F080669.

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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