#### **INVITROGEN CORP**

Form 4

November 09, 2007

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

OMB 3235-0287 Number:

Check this box if no longer subject to

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

January 31, Expires: 2005

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**OMB APPROVAL** 

Section 16. Form 4 or Form 5 obligations may continue.

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

burden hours per response...

Estimated average

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **GRIMM DONALD W** Issuer Symbol INVITROGEN CORP [IVGN] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) \_X\_\_ Director 10% Owner Other (specify Officer (give title 1600 FARADAY AVENUE 11/07/2007 below) (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting Person

#### CARLSBAD, CA 92084

(City)	(State)	(Zip) 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. Transa Code (Instr.		4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.01	16,900	D	
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	16,800	D	
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	16,700	D	
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	16,600	D	
Common Stock	11/07/2007	11/07/2007	S	V	500	D	\$ 91	16,100	D	
	11/07/2007	11/07/2007	S	V	200	D		15,900	D	

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Common Stock							\$ 91.02		
Common Stock	11/07/2007	11/07/2007	M	V	100	D	\$ 91.02	15,800	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.04	15,700	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	15,600	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	15,500	D
Common Stock	11/07/2007	11/07/2007	S	V	600	D	\$ 91.03	14,900	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.03	14,800	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	14,700	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.04	14,600	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.04	14,500	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.04	14,400	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.04	14,300	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.01	14,200	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	14,100	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	14,000	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	13,900	D
Common Stock	11/07/2007	11/07/2007	S	V	200	D	\$ 91	13,700	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	13,600	D
Common Stock	11/07/2007	11/07/2007	S	V	100	D	\$ 91.02	13,500	D
Common Stock	11/07/2007	11/07/2007	S	V	200	D	\$ 91.02	13,300	D
	11/07/2007	11/07/2007	S	V	100	D		13,200	D

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Common Stock						\$ 91.02		
Common Stock	11/07/2007	11/07/2007	M	V 100	D	\$ 91.02	13,100	D
Common Stock	11/07/2007	11/07/2007	S	V 100	D	\$ 91.02	13,100	D
Common Stock	11/07/2007	11/07/2007	S	V 100	D	\$ 91.02	12,900	D
Common Stock	11/07/2007	11/07/2007	S	V 100	D	\$ 91.03	12,800	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 displays a currently valid OMB control number.

SEC 1474 (9-02)

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)	4. Transaction Code (Instr. 8)	5. DrNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
			Code V	4, and 5)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
GRIMM DONALD W 1600 FARADAY AVENUE CARLSBAD, CA 92084	X						

## **Signatures**

/s/ Joseph W. Seondine, Jr., POA

Reporting Owners 3

\*\*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).

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.

Signatures 4