#### **INVITROGEN CORP**

Form 4

November 14, 2007

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

**OMB APPROVAL** 

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if no longer

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Addr BARTHELEM	*	-	2. Issuer Name <b>and</b> Ticker or Trading Symbol INVITROGEN CORP [IVGN]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(200000 000 0447000000)			
			(Month/Day/Year)	Director 10% Owner			
1600 FARADAY AVENUE			11/12/2007	_X_ Officer (give titleOther (specify below)			
				SVP, Cell Culture Systems			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reportin				
CARLSBAD, O	CA 92008			Form filed by More than One Reporting Person			

(State)

(7:n)

(City)

(City)	(State) (	Table Table	ole 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 on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial Ownership	
		, ,	Code	v	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	(Instr. 4)	
Common Stock	11/12/2007	11/12/2007	M	V	1,900	A	\$0	13,807	D		
Common Stock	11/12/2007	11/12/2007	F(1)	V	869	D	\$ 88.47	12,938	D		

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. Transa Code (Instr.	8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	e Expiration Da	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	
Restricted Stock Unit	\$ 0	11/12/2007	11/12/2007	M	V	1,900	11/12/2007	11/12/2014	Common Stock	1,900	

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BARTHELEMY NICOLAS 1600 FARADAY AVENUE CARLSBAD, CA 92008

SVP, Cell Culture Systems

# **Signatures**

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

11/14/2007

\*\*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) The sale is being conducted to cover the sales price and tax liability resulting from the vesting of a restricted stock award.

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.

Reporting Owners 2