#### **INVITROGEN CORP**

Form 4

February 27, 2008

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB

**OMB APPROVAL** 

Number:

3235-0287

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January 31, 2005

0.5

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

See Instruction

Check this box

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

30(h) of the Investment Company Act of 1940

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 BENCHIMOL CLAUDE Issuer Symbol INVITROGEN CORP [IVGN] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner \_X\_\_ Officer (give title . \_ Other (specify 1600 FARADAY AVENUE 09/04/2007 below) SVP, Research & Development (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 CARLSBAD, CA 92084 Person

(City)	(State)	(Zip) Table	e I - No	n-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code		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)
Common Stock	09/04/2007	09/04/2007	Code M	v V	Amount 12,500 (4)	or (D)	Price \$ 0	(Instr. 3 and 4) 12,500	D	
Common Stock	09/04/2007	09/04/2007	F	V	4,468 (1)	D	\$ 79.1	8,032	D	
Common Stock	12/05/2007	12/05/2007	G	V	500 (2)	D	\$ 92.62	8,706	D	

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

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#### number.

# 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. Transac Code (Instr. 8	ction	5. Number of ionDerivative 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
Restricted Stock Unit	\$ 0	09/04/2007	09/04/2007	M	V		12,500	09/04/2007	(3)	Common Stock	12,500

### **Reporting Owners**

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

BENCHIMOL CLAUDE 1600 FARADAY AVENUE CARLSBAD, CA 92084

SVP, Research & Development

## **Signatures**

/s/ Joseph W. Secondine, Jr. 02/27/2008

\*\*Signature of Reporting Date
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) This sale conducted to cover the sales price and tax liability resulting from the vesting of a restricted stock award.
- (2) Donation to charitable foundation.
- (3) Once vested, restricted stock units do not expire.
- (4) Options exercised and sold from grant #R0009.

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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