Leddy Peter Michael Form 4 November 18, 2008

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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response...

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

may continue.

See Instruction

Check this box

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 Leddy Peter Michael 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 5791 VAN ALLEN WAY 11/14/2008 below) SVP, Human Resources (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 92008 Person

(City)	(State) (Zip) Table	e I - Noi	n-D	erivative S	Secur	ities Acqu	uired, Disposed of	f, or Beneficial	ly 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. Securi n(A) or Di (Instr. 3,	ispose	d of (D)	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/14/2008	11/14/2008	M	V	2,000	A	\$0	58,363	D	
Common Stock (1)	11/14/2008	11/14/2008	F	V	949	D	\$ 25.05	57,414	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. 5. Number Transaction Derivative Code Securities (Instr. 8) 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 Units (2)	\$ 0	11/14/2008	11/14/2008	M V	2,000	11/14/2008	11/14/2015	Common Stock	2,000
Restricted Stock Units (3)	\$ 0	03/14/2008	03/14/2008	A V	3,234	03/14/2009	03/14/2018	Common Stock	3,234

Reporting Owners

Raporting Owner Name / Address	Relationships
Reporting Owner Name / Address	

rector 10% Owner Officer Other

Leddy Peter Michael 5791 VAN ALLEN WAY CARLSBAD, CA 92008

SVP, Human Resources

Signatures

/s/ Joseph W. Secondine, Jr. POA

11/18/2008

**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) This sale is being conducted to cover the sales price and tax liability resulting from the vesting of a restricted stock award.
- (2) Shares exercised and sold from option grant # RS1007.
- (3) Grant # RS2207, values are post-split.

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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