#### LUCIER GREGORY T

Form 4

March 15, 2005

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

0.5

Expires: January 31, 2005

**OMB APPROVAL** 

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

Check this box

Form 5
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)

(Ctata)

1. Name and Adda LUCIER GRE		ng Person *	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	(Check all applicable)		
1600 FARADAY AVENUE (Street)			(Month/Day/Year) 01/31/2005	_X_ Director 10% Owner _X_ Officer (give title Other (specify below)  President & CEO		
			4. If Amendment, Date Original 6. Individual or Joint/Group			
CARLSBAD,	CA 92008		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	Table Table	e I - Non-D	<b>Derivative</b>	Secui	rities 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)	3. Transactio Code (Instr. 8)	4. Securi on(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	01/31/2005		J	276	A	\$ 44.608	80,662	D	
Common Stock	03/14/2005		S	2,600	D	\$ 71.73	78,062	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)

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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	2.	3. Transaction Date		4.	5.	6. Date Exer		7. Title a		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if		onNumber	Expiration D		Amount		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	_	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities	S		(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	,				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(IIISti
					4, and 5)						
					4, and 3)						
								A	mount		
						D.	E	01	r		
						Date	Expiration	Title N	umber		
						Exercisable	Date	01			
				Code V	(A) (D)				hares		

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
LUCIER GREGORY T							

1600 FARADAY AVENUE X President & CEO

CARLSBAD, CA 92008

### **Signatures**

By: John A. Cottingham For: Gregory T. 03/15/2005 Lucier

> \*\*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.

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