#### FAULKNER DARYL

Form 4

August 25, 2005

#### FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

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**OMB APPROVAL** 

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).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * FAULKNER DARYL			2. Issuer Name and Ticker or Trading Symbol INVITROGEN CORP [IVGN]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Enter all applicable)		
			(Month/Day/Year)	Director 10% Owner		
1600 FARADAY AVENUE		E	08/23/2005	X Officer (give title Other (specify below)		
				Sr. VP		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
CARLSBAD, C	CA 92008			_X_Form filed by One Reporting PersonForm filed by More than One Reporting Person		

# (City) (State) (Zip) **Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership Indirect

Security	(Month/Day/Year)	Execution Date, if	Transaction Disposed of (D)		Securities	Ownership	Indirect		
(Instr. 3)	•	any	Code	(Instr. 3, 4	(Instr. 3, 4 and 5)		Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership
							Following	or Indirect	(Instr. 4)
					(A)		Reported	(I)	
					or		Transaction(s)	(Instr. 4)	
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common	08/23/2005		M	4,275	٨	\$ 31.84	13,559	D	
Stock	06/23/2003		IVI	4,273	A	\$ 31.04	15,559	D	
<b>C</b>									
Common	08/23/2005		M	3,800	A	\$ 31.84	17,359	D	
Stock									
Common	00/00/00/0			4 00 5		<b></b>	10.611	_	
Stock	08/23/2005		M	1,285	A	\$ 31.84	18,644	D	
Common	08/23/2005		M	8,215	A	\$ 61.05	26,859	D	
Stock	00,20,2000		111	J,210		Ψ 01.00	_5,557		
Common									
Stools	08/23/2005		M	3,500	A	\$ 61.05	30,359	D	

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Common Stock	08/23/2005	M	10,160	A	\$ 61.05	40,519	D
Common Stock	08/23/2005	M	33,440	A	\$ 56.875	73,959	D
Common Stock	08/23/2005	M	1,800	A	\$ 56.875	75,759	D
Common Stock	08/23/2005	M	4,200	A	\$ 56.875	79,959	D
Common Stock	08/23/2005	M	7,700	A	\$ 56.875	87,659	D
Common Stock	08/23/2005	M	6,700	A	\$ 56.875	94,359	D
Common Stock	08/23/2005	M	1,000	A	\$ 56.875	95,359	D
Common Stock	08/23/2005	M	10,200	A	\$ 56.875	105,559	D
Common Stock	08/23/2005	M	5,476	A	\$ 56.875	111,035	D
Common Stock	08/23/2005	M	400	A	\$ 56.875	111,435	D
Common Stock	08/23/2005	M	9,300	A	\$ 56.875	120,735	D
Common Stock	08/23/2005	M	5,000	A	\$ 56.875	125,735	D
Common Stock	08/23/2005	M	2,500	A	\$ 56.875	128,235	D
Common Stock	08/23/2005	M	4,700	A	\$ 56.875	132,935	D
Common Stock	08/23/2005	M	1,500	A	\$ 56.875	134,435	D
Common Stock	08/23/2005	M	2,750	A	\$ 56.875	137,185	D
Common Stock	08/23/2005	M	1,250	A	\$ 65.38	138,435	D
Common Stock	08/23/2005	M	2,500	A	\$ 65.38	140,935	D
Common Stock	08/23/2005	M	3,125	A	\$ 34.51	144,060	D
Common Stock	08/23/2005	M	7,400	D	\$ 82.5499	136,660	D
	08/23/2005	M	3,800	D	\$ 82.08	132,860	D

Common Stock							
Common Stock	08/23/2005	M	9,500	D	\$ 82.05	123,360	D
Common Stock	08/23/2005	M	3,500	D	\$ 82.02	119,860	D
Common Stock	08/23/2005	M	43,600	D	\$ 82	76,260	D
Common Stock	08/23/2005	M	1,800	D	\$ 81.99	74,460	D

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

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(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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
FAULKNER DARYL 1600 FARADAY AVENUE CARLSBAD, CA 92008			Sr. VP					

# **Signatures**

By: John A. Cottingham For: Daryl J. Faulkner 08/25/2005

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\*\*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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