

THOMPSON JOHN D  
Form 4  
May 17, 2005

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
THOMPSON JOHN D

(Last) (First) (Middle)  
1600 FARADAY AVENUE  
(Street)

CARLSBAD, CA 92008

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
INVITROGEN CORP [IVGN]

3. Date of Earliest Transaction  
(Month/Day/Year)  
05/16/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
\_X\_ Officer (give title below) \_\_\_ Other (specify below)  
Svp

6. Individual or Joint/Group Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting Person  
\_\_\_ Form filed by More than One Reporting Person

**Table 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 (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Code V Amount (D) Price		

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)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Date Exercisable	Expiration Date	Title	Am or Num of S
				Code	V				
Non-Qualified Stock Option (right to buy)	\$ 34.51	05/16/2005	S	8,076		09/06/2003	09/06/2012	Common Stock	8,
Non-Qualified Stock Option (right to buy)	\$ 34.51	05/16/2005	S	5,361		09/06/2003	09/06/2012	Common Stock	5,
Non-Qualified Stock Option (right to buy)	\$ 34.51	05/16/2005	S	489		09/06/2003	09/06/2012	Common Stock	4
Non-Qualified Stock Option (right to buy)	\$ 34.51	05/16/2005	S	1,407		09/06/2003	09/06/2012	Common Stock	1,
Non-Qualified Stock Option (right to buy)	\$ 34.51	05/16/2005	S	5,154		09/06/2003	09/06/2012	Common Stock	5,
Non-Qualified Stock Option (right to buy)	\$ 34.51	05/16/2005	S	700		09/06/2003	09/06/2012	Common Stock	7
Non-Qualified Stock Option (right to buy)	\$ 45.64	05/16/2005	S	600		02/28/2003	02/28/2012	Common Stock	6
Non-Qualified Stock Option (right to buy)	\$ 45.64	05/16/2005	S	400		02/28/2003	02/28/2012	Common Stock	4
Non-Qualified Stock Option (right to buy)	\$ 45.64	05/16/2005	S	400		02/28/2003	02/28/2012	Common Stock	4
Non-Qualified Stock Option (right to buy)	\$ 45.64	05/16/2005	S	400		02/28/2003	02/28/2012	Common Stock	4
Non-Qualified Stock Option (right to buy)	\$ 45.64	05/16/2005	S	1,100		02/28/2003	02/28/2012	Common Stock	1,
Non-Qualified Stock Option (right to buy)	\$ 45.64	05/16/2005	S	600		02/28/2003	02/28/2012	Common Stock	6

