INVITROGEN CORP

Form 4 April 25, 2005

FORM 4

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

Check this box

if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction 1(b).

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)

(Last)

(City)

1. Name and Address of Reporting Person * DITTAMORE RAYMOND V

(First)

(State)

(Middle)

(Zip)

Symbol

2. Issuer Name and Ticker or Trading

INVITROGEN CORP [IVGN]

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

1600 FARADAY AVENUE 04/21/2005

> (Street) Filed(Month/Day/Year)

4. If Amendment, Date Original

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Issuer

below)

X_ Director

Officer (give title

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person

5. Relationship of Reporting Person(s) to

(Check all applicable)

10% Owner Other (specify

Form filed by More than One Reporting Person

CARLSBAD, CA 92008

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

Code V Amount (D) Price

(A) Transaction(s)

or

5. Amount of Securities Beneficially Owned Following Reported

(Instr. 3 and 4)

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

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 3. Transaction Date 3A. Deemed 5. Number 6. Date Exercisable and 4 Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative **Expiration Date** Security or Exercise Code Securities (Month/Day/Year) (Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired

7. Title and Amount

Underlying Securitie

(Instr. 3 and 4)

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	Derivative Security				(A) or Disposed of (D) (Instr. 3, 4, and 5)					
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 71.06	04/21/2005	A		7,000		<u>(1)</u>	04/21/2015	Common Stock	7,00
Restricted Share Units	\$ 0	04/21/2005	A		1,000		(2)	<u>(3)</u>	Common Stock	1,00

Reporting Owners

Reporting Owner Name / Address	Relationships						
Transfer de la companya de la compan	Director	10% Owner	Officer	Other			
DITTAMORE RAYMOND V 1600 FARADAY AVENUE	X						
CARLSBAD, CA 92008							

Signatures

By: John A. Cottingham For: Raymond V.
Dittamore

04/25/2005

**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).
- This option vests over a one-year period, vesting one-twelfth each month, and becoming fully vested on the first anniversary of the 4/21/05 date of grant.
- (2) The restricted share units shall vest over a one-year period, vesting one-twelfth each month, and becoming fully vested on the anniversary of the 4/21/05 date of grant.
- (3) Once vested, restricted share units do not expire. They can be converted into shares of Invitrogen common stock upon the termination of the Director's service to the Registrant.

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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