

FURNESS GREGORY S
Form 4
December 29, 2004

FORM 4

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

OMB APPROVAL

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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 *
FURNESS GREGORY S

2. Issuer Name and Ticker or Trading Symbol
VITAL IMAGES INC [VTAL]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
3300 FERNBROOK LANE
N., SUITE 200

(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
12/27/2004

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
VP - Finance, CFO

PLYMOUTH, MN 55447

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

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

(City) (State) (Zip)

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock ⁽¹⁾	12/27/2004		M	7,000 A \$ 2.375	166,100	D	
Common Stock ⁽¹⁾	12/27/2004		S	7,000 D \$ 16.95	159,100	D	
Common Stock ⁽¹⁾	12/28/2004		M	6,400 A \$ 2.375	159,100	D	
Common Stock ⁽¹⁾	12/28/2004		S	6,400 D \$ 16.95	152,700	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. Transaction Code (Instr. 8)	5. Number of Derivative Securities 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)	Amount or Number of Shares
Employee Stock Option (right to buy) ⁽¹⁾	\$ 2.375	12/27/2004		M	7,000	05/20/1997 05/20/2005	Common Stock	7,000
Employee Stock Option (right to buy) ⁽¹⁾	\$ 2.375	12/28/2004		M	6,400	05/20/1997 05/20/2005	Common Stock	6,400

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FURNESS GREGORY S 3300 FERNBROOK LANE N, SUITE 200 PLYMOUTH, MN 55447			VP - Finance, CFO	

Signatures

/s/ Gregory S. Furness 12/29/2004

**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) Transaction made pursuant to plan adopted under Rule 10b5-1.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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