

ARGIRO VINCENT J  
Form 4  
February 23, 2006

**FORM 4**

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

OMB APPROVAL

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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)

1. Name and Address of Reporting Person \*  
ARGIRO VINCENT J

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)  
5850 OPUS PARKWAY, SUITE 300  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
02/21/2006

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
CTO

MINNETONKA, MN 55343

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	02/21/2006		M		2,502 A \$ 7.3438	299,165 (1)	D
Common stock	02/21/2006		S		2,502 D \$ 33.81	296,663 (1)	D
Common stock	02/22/2006		M		17,498 A \$ 7.3438	314,161 (1)	D
Common stock	02/22/2006		S		17,498 D \$ 33.859	296,663 (1)	D
Common stock	02/22/2006		M		8,500 A \$ 5.188	305,163 (1)	D

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Common stock	02/22/2006	S	8,500	D	\$ 33.859	296,663 <sup>(1)</sup>	D
Common stock	02/23/2006	M	6,500	A	\$ 5.188	303,163 <sup>(1)</sup>	D
Common stock	02/23/2006	S	6,500	D	\$ 34.4	296,663 <sup>(1)</sup>	D
Common stock	02/23/2006	M	2,000	A	\$ 7.25	298,663 <sup>(1)</sup>	D
Common stock	02/23/2006	S	2,000	D	\$ 34.83	296,663 <sup>(1)</sup>	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. 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	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee stock option (right to buy)	\$ 7.3438	02/21/2006		M	20,000	<sup>(2)</sup> 05/11/2008	Common stock	20,000	
Employee stock option (right to buy)	\$ 5.188	02/22/2006		M	15,000	<sup>(3)</sup> 02/08/2009	Common stock	15,000	
Employee stock option (right to buy)	\$ 7.25	02/23/2006		M	2,000	<sup>(5)</sup> 03/12/2010	Common stock	2,000	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ARGIRO VINCENT J 5850 OPUS PARKWAY SUITE 300 MINNETONKA, MN 55343	X		CTO	

## Signatures

/s/ Vincent  
Argiro

02/23/2006

\*\*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) Mr. Argiro disclaims beneficial ownership of an additional 109,550 Vital Images, Inc. shares owned by his spouse.
- (2) Vested as to 28% on May 11, 2001 and as to 2% monthly thereafter, until fully vested on May 11, 2004.
- (3) Vested as to 28% on February 8, 2002 and as to 2% monthly thereafter, until fully vested on February 8, 2005.
- (4) In addition, Mr. Argiro has other outstanding options of 49,000 at various prices and expiration dates.
- (5) Vested as to 28% on March 12, 2003 and as to 2% monthly thereafter, until fully vested on March 12, 2006.

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.