CARREL MICHAEL H

Form 4 April 05, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

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subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * CARREL MICHAEL H			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)	3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year)	Director 10% Owner		
5850 OPUS PARKWAY, SUITE		Y, SUITE	04/02/2007	X Officer (give title Other (specify below)		
300				COO & CFO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person		
MINNETON	NKA, MN 5	55343		Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secui	rities Acquii	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	omr Dispos (Instr. 3, 4	ed of (4 and 5 (A) or	` ′	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock (1)	04/02/2007		Code V M	Amount 10,000	(D)	\$ 16.57	34,306	D	
Common Stock (1)	04/02/2007		S	400	D	\$ 32.33	33,906	D	
Common Stock (1)	04/02/2007		S	500	D	\$ 32.37	33,406	D	
Common Stock (1)	04/02/2007		S	200	D	\$ 32.38	33,206	D	
Common Stock (1)	04/02/2007		S	200	D	\$ 32.39	33,006	D	

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Common Stock (1)	04/02/2007	S	100	D	\$ 32.4301	32,906	D
Common Stock (1)	04/02/2007	S	200	D	\$ 32.44	32,706	D
Common Stock (1)	04/02/2007	S	100	D	\$ 32.46	32,606	D
Common Stock (1)	04/02/2007	S	200	D	\$ 32.47	32,406	D
Common Stock (1)	04/02/2007	S	1,100	D	\$ 32.4701	31,306	D
Common Stock (1)	04/02/2007	S	200	D	\$ 32.58	31,106	D
Common Stock (1)	04/02/2007	S	100	D	\$ 32.59	31,006	D
Common Stock (1)	04/02/2007	S	100	D	\$ 32.6	30,906	D
Common Stock (1)	04/02/2007	S	100	D	\$ 32.69	30,806	D
Common Stock (1)	04/02/2007	S	300	D	\$ 32.72	30,506	D
Common Stock (1)	04/02/2007	S	100	D	\$ 32.7201	30,406	D
Common Stock (1)	04/02/2007	S	100	D	\$ 32.73	30,306	D
Common Stock (1)	04/02/2007	S	300	D	\$ 32.9201	30,006	D
Common Stock (1)	04/02/2007	S	200	D	\$ 32.9249	29,806	D
Common Stock (1)	04/02/2007	S	1,100	D	\$ 33	28,706	D
Common Stock (1)	04/02/2007	S	100	D	\$ 33.0042	28,606	D
Common Stock (1)	04/02/2007	S	500	D	\$ 33.0049	28,106	D
Common Stock (1)	04/02/2007	S	100	D	\$ 33.0056	28,006	D
Common Stock (1)	04/02/2007	S	100	D	\$ 33.0098	27,906	D
Common Stock (1)	04/02/2007	S	100	D	\$ 33.01	27,806	D
	04/02/2007	S	200	D	\$ 33.05	27,606	D

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Common Stock (1)							
Common Stock (1)	04/02/2007	S	100	D	\$ 33.06	27,506	D
Common Stock (1)	04/02/2007	S	100	D	\$ 33.09	27,406	D
Common Stock (1)	04/02/2007	S	100	D	\$ 33.1	27,306	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. Transactic Code (Instr. 8)	orDeriv Secu Acqu or Di (D)	rities aired (A) asposed of r. 3, 4,	Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee stock option (right to buy)	\$ 16.57	04/02/2007		M		10,000	(2)	05/13/2013	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address				
	Director	10% Owner	Officer	Other
CARREL MICHAEL H 5850 OPUS PARKWAY SUITE 300 MINNETONKA, MN 55343			COO & CFO	

Reporting Owners 3

Signatures

/s/ Michael H.

Carrel 04/04/2007

**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.
- (2) Vests as to 28% on January 17, 2006, and as to 2% monthly thereafter
- (3) In addition, Mr. Carrel has other options outstanding of 26,000 at at various prices and expiration dates.

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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