

# FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|  |         |   |  |   |  |
|--|---------|---|--|---|--|
| 1. Name and Address of Reporting Person<br>MERTON ROBERT C |         | 2. Issuer Name and Ticker or Trading Symbol<br>VICAL INC [VICL] |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |  |
| (Last)   | (First) | (Middle)  | 3. Date of Earliest Transaction (Month/Day/Year)<br>05/19/2006                   |   | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person |
| 10390 PACIFIC CENTER COURT                                 |         |   | 4. If Amendment, Date Original Filed (Month/Day/Year)                            |   |  |
| (Street)<br>SAN DIEGO, CA 92121-4340                       |         |   |  |   |  |
| (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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) |   |  |   |

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 (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) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--------|--|------------|---|--|--|--|--|
|  |  |                                      |  |                                | Code  | V      | (A)  | (D)        |   |  |  |  |  |
| Nonstatutory Stock Option (right to buy)   | \$ 6   | 05/19/2006                           |  | A                              |   | 12,500 | 05/23/2007 <sup>(1)</sup>                                | 05/18/2016 | Common Stock, \$.01 par value                                 | \$ 0                                       | 12,500   | D  |  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| MERTON ROBERT C<br>10390 PACIFIC CENTER COURT<br>SAN DIEGO, CA 92121-4340 | X             |           |         |       |

## Signatures

LYNNE M. GOLDACKER  05/19/2006  
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) The date in this field is approximate. These options are exercisable at the date of the next annual meeting of stockholders. The date of the meeting has not been set, but is expected to occur in May 2007.

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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