

VAGNINI MICHAEL F  
Form 4  
February 02, 2005

**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 \*  
VAGNINI MICHAEL F

2. Issuer Name and Ticker or Trading Symbol  
CROMPTON CORP [CK]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
02/01/2005

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
Corporate Controller

(Street)

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

MIDDLEBURY, CT 06749

(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)   | Price   |            |   |                          |
| Common Stock                    | 02/01/2005                           |  | J <sup>(1)</sup>               |   | 1,366   | A  | \$ 11.17  | 3,389      | D |                          |
| Common Stock                    | 02/01/2005                           |  | J <sup>(2)</sup>               |   | 27.6621   | A  | \$ 0  | 4,409.1761 | I | ESOP TRUST               |
| Common Stock                    |                                      |  |                                |   |   |  |   | 153.4958   | I | DRIP                     |
| Common Stock                    |                                      |  |                                |   |   |  |   | 63,485     | I | LTIP Trust               |
| Common Stock                    | 02/01/2005                           |  | J <sup>(3)</sup>               |   | 275   | A  | \$ 0  | 10,275     | I | Restricted Stock Account |

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|              |            |                  |       |   |          |       |   |                             |
|--------------|------------|------------------|-------|---|----------|-------|---|-----------------------------|
| Common Stock | 02/02/2005 | J <sup>(4)</sup> | 2,568 | D | \$ 11.17 | 7,707 | I | Restricted Stock Account    |
| Common Stock |            |                  |       |   |          | 6,500 | I | Restricted Stock Account II |

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.**

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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) | 8. Price or Amount of Derivative Security (Instr. 3) |                            |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|----------------------------|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date   | Title  | Amount or Number of Shares |
| NQ Stock Option (Right to Buy)             | \$ 5.85  |                                      |  |                                |   | 10/20/2004   | 11/19/2013  | Common Stock   | 13,812                     |
| NQ Stock Option (Right to Buy)             | \$ 6.38  |                                      |  |                                |   | 01/21/2004   | 02/20/2013  | Common Stock   | 5,690                      |
| NQ Stock Option (Right to Buy)             | \$ 7.25  |                                      |  |                                |   | 10/22/2003   | 10/22/2012  | Common Stock   | 7,132                      |
| NQ Stock Option (Right to Buy)             | \$ 7.92  |                                      |  |                                |   | 10/23/2002   | 11/22/2011  | Common Stock   | 10,000                     |

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|   |            |            |            |                 |        |
|---|------------|------------|------------|-----------------|--------|
| Buy)  |            |            |            |                 |        |
| NQ<br>Stock<br>Option<br>(Right to<br>Buy)  | \$ 8.1562  | 10/31/2001 | 11/30/2010 | Common<br>Stock | 20,000 |
| NQ<br>Stock<br>Option<br>(Right to<br>Buy)  | \$ 8.343   | 10/19/2000 | 11/19/2009 | Common<br>Stock | 40,473 |
| NQ<br>Stock<br>Option<br>(Right to<br>Buy)  | \$ 11.24   | 11/23/2005 | 12/22/2014 | Common<br>Stock | 25,000 |
| NQ<br>Stock<br>Option<br>(Right to<br>Buy)  | \$ 14.3438 | 08/04/1999 | 11/14/2008 | Common<br>Stock | 727    |
| ISO<br>Stock<br>Option<br>(Right to<br>Buy) | \$ 5.85    | 10/20/2004 | 10/19/2013 | Common<br>Stock | 6,188  |
| ISO<br>Stock<br>Option<br>(Right to<br>Buy) | \$ 6.38    | 01/21/2004 | 01/21/2013 | Common<br>Stock | 24,310 |
| ISO<br>Stock<br>Option<br>(Right to<br>Buy) | \$ 7.25    | 10/22/2003 | 10/22/2012 | Common<br>Stock | 12,868 |
| ISO<br>Stock<br>Option<br>(Right to<br>Buy) | \$ 7.92    | 10/23/2003 | 10/23/2011 | Common<br>Stock | 10,000 |
| ISO<br>Stock<br>Option<br>(Right to<br>Buy) | \$ 8.343   | 10/19/2001 | 10/19/2009 | Common<br>Stock | 9,527  |

|  |            |            |                 |       |
|--|------------|------------|-----------------|-------|
| ISO<br>Stock<br>Option \$ 14.3438<br>(Right to<br>Buy) | 08/04/1999 | 10/14/2008 | Common<br>Stock | 7,273 |
| ISO<br>Stock<br>Option \$ 16.875<br>(Right to<br>Buy)  | 08/04/1999 | 11/16/2006 | Common<br>Stock | 5,000 |
| ISO<br>Stock<br>Option \$ 26.4063<br>(Right to<br>Buy) | 08/04/1999 | 11/07/2007 | Common<br>Stock | 5,000 |

## Reporting Owners

| Reporting Owner Name / Address            | Relationships |           |                      |       |
|---|---------------|-----------|----------------------|-------|
|   | Director      | 10% Owner | Officer              | Other |
| VAGNINI MICHAEL F<br>MIDDLEBURY, CT 06749 |               |           | Corporate Controller |       |

## Signatures

Michael F.  
Vagnini

02/02/2005

\*\*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).
- (1) Direct holdings increased by 1,366 shares transferred from the 2004-2006 Long Term Incentive Plan (Restricted Stock Account).
- (2) These shares were acquired during the fiscal year pursuant to the Registrant's Employee Stock Ownership Plan and through reinvestment of dividends paid on the shares in this fund (ESOP Trust).
- (3) These shares were acquired during the fiscal year pursuant to the 2004-2006 Long Term Incentive Plan and through reinvestment of dividends paid on the shares in this fund.
- (4) 2,568 Shares were distributed to the reporting person in accordance with the 2004-2006 Long Term Incentive Plan (from Restricted Stock Account) of which 1,202 shares were withheld to satisfy tax withholding requirements.

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.