

SHAINMAN BARRY J  
Form 4  
February 24, 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 \*  
SHAINMAN BARRY J

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)  
199 BENSON ROAD  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
02/23/2005

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

MIDDLEBURY, CT 06749

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock					14,788	D	
Common Stock	02/23/2005		J <sup>(1)</sup>		105.3769	A	\$ 0
Common Stock					4,334	I	Esop
Common Stock					5,000	I	Restricted Stock Account
Common Stock	02/23/2005		J <sup>(2)</sup>		3,300	A	\$ 12.92
Common Stock					3,300	I	Restricted Stock Account I

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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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
NQ Stock Option (Right to Buy)	\$ 11.24					11/23/2005 12/22/2014	Common Stock 10,000
NQ Stock Option (Right to Buy)	\$ 12.92	02/23/2005		J <sup>(3)</sup>	10,000	02/23/2006 03/22/2015	Common Stock 10,000
ISO Stock Option (Right to Buy)	\$ 5.85					10/20/2004 10/19/2013	Common Stock 6,000
ISO Stock Option (Right to Buy)	\$ 7.25					10/22/2003 10/22/2012	Common Stock 6,000
ISO Stock Option (Right to Buy)	\$ 7.92					10/23/2002 10/23/2011	Common Stock 7,500
ISO Stock Option	\$ 8.1562					10/31/2001 10/31/2010	Common Stock 5,000

(Right to Buy)					
ISO Stock Option	\$ 8.3438	10/19/2000	10/19/2009	Common Stock	5,000
(Right to Buy)					
ISO Stock Option	\$ 14.3438	10/14/2000	10/13/2008	Common Stock	3,000
(Right to Buy)					
ISO Stock Option	\$ 16.875	04/25/2000	10/15/2006	Common Stock	2,000
(Right to Buy)					
ISO Stock Option	\$ 26.4063	04/25/2000	10/06/2007	Common Stock	2,000
(Right to Buy)					

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SHAINMAN BARRY J 199 BENSON ROAD MIDDLEBURY, CT 06749			Secretary	

## Signatures

Barry J. Shainman	02/24/2005
**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) 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).
  - (2) Restricted Shares acquired pursuant to the 2005-2007 Long-Term Incentive Plan will vest upon a share of the Registrant's common stock reaching the following stock price milestones: twenty (20%) percent of grant upon closing price of a share attaining \$14.00; twenty (20%) percent of grant upon closing price of a share attaining \$16.75; twenty (20%) percent of grant upon closing price of a share attaining \$19.88; and forty (40%) of grant upon closing price of share attaining \$23.60. Shares will vest as stated above when a particular milestone is reached and maintained for ten (10) consecutive trading days, based on the closing price of a share of the Registrant's common stock on

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the New York Stock Exchange.

- (3) Options will vest as follows: one-third (1/3) of grant on February 23, 2006; one-third (1/3) of grant on February 23, 2007; and one-third of grant on February 23, 2008.

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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