CROMPTON CORP

Form 4 May 05, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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may continue.

See Instruction

Check this box

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)

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		
(Last)	(Last) (First) (Middle)		3. Date of Earliest Transaction (Month/Day/Year)	(Check all applicable) Director 10% Owner		
			05/02/2005	Officer (give title Other (specify below)		
(Street)						
			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
MIDDLEBURY, CT 06749			Filed(Month/Day/Year)	Applicable Line) _X_ 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)	Transactiom Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A)		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			Code V	Amount	(D)	Price	3,389	D	
Common Stock	05/05/2005		J <u>(1)</u>	93	A	\$ 0	4,568	I	ESOP TRUST
Common Stock	05/05/2005		J(2)	14.1726	A	\$ 0	167.6684	I	DRIP
Common Stock	05/02/2005		J(3)	19,120	D	\$ 13.97	44,365	I	LTIP Trust
Common Stock	05/03/2005		J <u>(4)</u>	200	D	\$ 14.13	44,165	I	LTIP Trust

Common Stock	05/05/2005	<u>J(5)</u>	238	A	\$ 0	44,403	I	LTIP Trust
Common Stock						7,707	I	Restricted Stock Account
Common Stock						6,500	I	Restricted Stock Account II
Common Stock						7,000	I	Restricted Stock Account III

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

> 8. Pri Deriv Secur (Instr

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)	5. onNumber 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)	\$ 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	\$ 7.25					10/22/2003	10/22/2012	Common Stock	7,132

Option (Right to Buy)					
NQ Stock Option (Right to Buy)	\$ 7.92	10/23/2002	11/22/2011	Common Stock	10,000
NQ Stock Option (Right to Buy)	\$ 8.1562	10/31/2001	11/30/2010	Common Stock	20,000
NQ Stock Option (Right to Buy)	\$ 8.343	10/19/2000	11/19/2009	Common Stock	40,473
NQ Stock Option (Right to Buy)	\$ 11.24	11/23/2005	12/22/2014	Common Stock	25,000
NQ Stock Option (Right to Buy)	\$ 12.92	02/23/2006	03/22/2015	Common Stock	21,000
NQ Stock Option (Right to Buy)	\$ 14.3438	08/04/1999	11/14/2008	Common Stock	727
ISO Stock Option (Right to Buy)	\$ 5.85	10/20/2004	10/19/2013	Common Stock	6,188
ISO Stock Option (Right to Buy)	\$ 6.38	01/21/2004	01/21/2013	Common Stock	24,310
ISO Stock Option	\$ 7.25	10/22/2003	10/22/2012	Common Stock	12,868

(Right to Buy)					
ISO Stock Option (Right to Buy)	\$ 7.92	10/23/2003	10/23/2011	Common Stock	10,000
ISO Stock Option (Right to Buy)	\$ 8.343	10/19/2001	10/19/2009	Common Stock	9,527
ISO Stock Option (Right to Buy)	\$ 14.3438	08/04/1999	10/14/2008	Common Stock	7,273
ISO Stock Option (Right to Buy)	\$ 16.875	08/04/1999	11/16/2006	Common Stock	5,000
ISO Stock Option (Right to Buy)	\$ 26.4063	08/04/1999	11/07/2007	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
	Director	10% Owner	Officer	Otl		

VAGNINI MICHAEL F

VP and Controller

MIDDLEBURY, CT 06749

Signatures

Michael F.
Vagnini

**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)

Reporting Owners 4

These shares were acquired during the fiscal year pursuant to the Registrant's Employee Stock Ownership Plan (ESOP Trust) and through reinvestment of dividends paid on the shares in this fund.

- (2) These shares were acquired during the fiscal year pursuant to the Registrant's Dividend Reinvestment Plan and through the reinvestment of dividends paid on the shares in this fund.
- 19,120 shares were distributed to the reporting person in accordance with the LTIP Plan of which all 19,120 shares were withheld to
 (3) satisfy tax withholding requirements. It is anticipated that 44,403 shares, representing the balance of the shares in the LTIP account, will be transferred to the reporting person on or about May 9, 2005.
- 200 shares were distributed to the reporting person in accordance with the LTIP Plan of which all 200 shares were withheld to satisfy tax (4) withholding requirements. It is anticipated that 44,403 shares, representing the balance of the shares in the LTIP account, will be transferred to the reporting person on or about May 9, 2005.
- (5) These shares were acquired during the fiscal year pursuant to the 1988 Long Term Incentive Plan and through reinvestment of dividends paid on the shares in this fund.

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.