CROMPTON CORP

Form 5

February 10, 2005

FORM 5 UNITED STATES SECURITIES AND EVOLANCE COMMISSION OMB

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

2. Issuer Name and Ticker or Trading

Expires. 2005
Estimated average burden hours per response... 1.0

Number:

Expires:

5. Relationship of Reporting Person(s) to

Issuer

3235-0362

January 31,

See Instruction
1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
Reported
Form 4 30(h) of the Investment Company Act of 1940

Symbol

Transactions Reported

Wisnefsky Eric C

1. Name and Address of Reporting Person *

C			CROMPTON CORP [CK]				(Charle III amilianhla)				
(Last) 199 BENSO	` , , , , , , , , , , , , , , , , , , ,	(Month/I	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2004				(Check all applicable) Director 10% Owner _X_ Officer (give title Other (specify below) VP Corp. Finance & Treasurer				
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Reporting (check applicable line)				
MIDDLEBURY, CT 06749 _X_Form Filed by One Reporting Person _X_Form Filed by More than One Rep Person											
(City)	(State)	(Zip) Tab	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 at end of Issuer's Fiscal Year	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
				Amount	(A) or (D)	Price	(Instr. 3 and 4)				
Common Stock	Â	Â	Â	Â	Â	Â	3,444.54	I	ESOP Trust		
Common Stock	Â	Â	Â	Â	Â	Â	6,500	I	Restricted Stock Account		
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 2270 (9-02)			

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$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (\emph{e.g.}, puts, calls, warrants, options, convertible securities) \\ \end{tabular}$

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)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
NQ Stock Option (Right to Buy)	\$ 5.85	Â	Â	Â	Â	Â	11/24/2004	11/19/2013	Common Stock	4,000
NQ Stock Option (Right to Buy)	\$ 7.25	Â	Â	Â	Â	Â	11/24/2004	11/21/2012	Common Stock	3,000
NQ Stock Option (Right to Buy)	\$ 7.92	Â	Â	Â	Â	Â	11/24/2004	11/22/2011	Common Stock	2,000
NQ Stock Option (Right to Buy)	\$ 11.24	Â	Â	Â	Â	Â	11/23/2005	12/22/2014	Common Stock	30,000
ISO Stock Option (Right to Buy)	\$ 8.1562	Â	Â	Â	Â	Â	11/24/2004	10/31/2010	Common Stock	1,000
ISO Stock Option (Right to Buy)	\$ 8.3437	Â	Â	Â	Â	Â	11/24/2004	10/19/2009	Common Stock	167

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Wisnefsky Eric C

199 BENSON ROAD Â Â Â VP Corp. Finance & Treasurer Â

MIDDLEBURY, CTÂ 06749

Signatures

Eric C.
Wisnefsky

**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).

Note: File three copies of this Form, one of which must be manually signed. If space provided 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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