CROMPTON CORP

Reminder: Report on a separate line for each class of

securities beneficially owned directly or indirectly.

Form 5

February 11, 2005

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer **BARNA PETER** Symbol CROMPTON CORP [CK] (Check all applicable) (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) (Month/Day/Year) Director 10% Owner Officer (give title __X__ Other (specify 12/31/2004 below) below) **CROMPTON** Former Officer CORPORATION, Â 199 BENSON **ROAD** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) MIDDLEBURY. CTÂ 06749 _X_ Form Filed by One Reporting Person Form Filed by More than One Reporting (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 5. Amount of 6. Ownership 7. Nature of 2. Transaction Date 2A. Deemed 4. Securities Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) Fiscal Year (A) (Instr. 3 and or 4) (D) Price Amount Common Â Â Â Â Â Â Â 106,944 D Stock Restricted Common Â Â Â Â Â Â 25,000 Ι Stock Stock Account

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.

(9-02)

SEC 2270

Edgar Filing: CROMPTON CORP - Form 5

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

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)				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)	\$ 7.92	Â	Â	Â	Â	Â	10/23/2003	07/31/2009	Common Stock	60,000
NQ Stock Option (Right to Buy)	\$ 8.1562	Â	Â	Â	Â	Â	10/31/2001	07/31/2009	Common Stock	75,000
NQ Stock Option (Right to Buy)	\$ 8.3437	Â	Â	Â	Â	Â	10/19/2000	07/31/2009	Common Stock	200,000
NQ Stock Option (Right to Buy)	\$ 13	Â	Â	Â	Â	Â	08/04/1999	10/18/2005	Common Stock	8,442
NQ Stock Option (Right to Buy)	\$ 13	Â	Â	Â	Â	Â	08/04/1999	11/18/2005	Common Stock	6,558
NQ Stock Option (Right to Buy)	\$ 14.3438	Â	Â	Â	Â	Â	08/05/1999	11/14/2008	Common Stock	40,000
NQ Stock	\$ 14.5	Â	Â	Â	Â	Â	08/04/1999	08/21/2006	Common Stock	27,756

Option (Right to Buy)										
NQ Stock Option (Right to Buy)	\$ 14.5	Â	Â	Â	Â	Â	08/04/1999	09/21/2006	Common Stock	72,244
NQ Stock Option (Right to Buy)	\$ 16.875	Â	Â	Â	Â	Â	08/04/1999	10/16/2006	Common Stock	6,073
NQ Stock Option (Right to Buy)	\$ 16.875	Â	Â	Â	Â	Â	08/04/1999	11/16/2006	Common Stock	13,927
NQ Stock Option (Right to Buy)	\$ 26.4063	Â	Â	Â	Â	Â	08/04/1999	11/07/2007	Common Stock	20,000

Reporting Owners

Reporting Owner Name / Address	Relationships							
rg	Director	10% Owner	Officer	Other				
BARNA PETER CROMPTON CORPORATION 199 BENSON ROAD MIDDLEBURY, CT 06749	Â	Â	Â	Former Officer				

Signatures

Peter Barna 02/11/2005

**Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

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.

Reporting Owners 3

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).