WOOLF PATRICIA K
Form 4
January 23, 2003

1. Name and Address of Reporting Person
   Woolf, Patricia K.
   506 Quaker Road
   Princeton, NJ 08540
2. Issuer Name and Ticker or Trading Symbol
   Crompton Corporation
3. IRS or Social Security Number of Reporting Person (Voluntary)
4. Statement for Month/Day/Year
   01/21/2003
5. If Amendment, Date of Original (Month/Day/Year)
6. Relationship of Reporting Person(s) to Issuer (Check all applicable)
   (X) Director ( ) 10% Owner
   ( ) Officer (give title below) ( ) Other (specify below)
7. Individual or Joint/Group Filing (Check Applicable Line)
   (X) Form filed by One Reporting Person
   ( ) Form filed by More than One Reporting Person

TABLE I -- Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security	2. Transaction Date (Month/Day/Year)	2A. Execution Date (Month/Day/Year)	3. Transaction Code		4. Securities Acquired (A) or Disposed of (D)			5. Amo Securi Benefi Owned Follow Report Transa
			Code	V	Amount	A/D	Price	
Common Stock								11163
Common Stock								745.95
Common Stock	01/21/2003		J		8156	A	$6.3750	19290