

Gray Charles Jeffrey
 Form 4
 May 04, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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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 *
 Gray Charles Jeffrey

2. Issuer Name and Ticker or Trading Symbol
 TERADYNE, INC [TER]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 TERADYNE, INC., 600 RIVERPARK DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 05/01/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 VP, General Counsel & Secretary

NORTH READING, MA 01864
 (City) (State) (Zip)

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

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	05/01/2010		M		8,125	A	\$ 0
Common Stock	05/03/2010		F(1)		2,580	D	\$ 0
Common Stock	05/03/2010		S		2,500	D	\$ 12.51
Common Stock	05/03/2010		M		16,000	A	\$ 6.29
Common Stock	05/03/2010		S		16,000	D	\$ 12.61

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- (4) This option is granted under Teradyne's 2006 Equity and Cash Compensation Incentive Plan and is exercisable at the rate of 25% per year, commencing on the date of the first anniversary of the grant, May 1, 2010.

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.