TERADYNE, INC Form 4 February 03, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

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subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

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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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Smith Gregory Stephen Issuer Symbol TERADYNE, INC [TER] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify _X__ Officer (give title 1 HUCKLEBERRY ROAD 02/01/2017 below) President, Semiconductor Test (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting HOPKINTON, MA 01748 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)	3. 4. Securities Acquired (A) Transactionr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
Common			Code V	Amount	or (D)	Price	(Instr. 3 and 4)				
Stock	02/01/2017		S	3,100	D	⁴ 28.5582	3,185	D			
Common Stock	02/01/2017		M	2,240	A	\$ 19.43	5,425	D			
Common Stock	02/01/2017		S	1,472	D	\$ 28.63	3,953	D			
Common Stock	02/01/2017		S	283	D	\$ 28.6339	3,670	D			

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

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SEC 1474 (9-02)

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. Transaction Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amo Underlying Secu (Instr. 3 and 4)	
				Code V	and 5) (A) (D)	Date Exercisable	Expiration Date	Title	An or Nu of Sh
Non-qualified Stock Option (Right to Buy)	\$ 19.43	02/01/2017		M	2,240	01/29/2017(1)	01/29/2023	Common Stock	2

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Smith Gregory Stephen 1 HUCKLEBERRY ROAD HOPKINTON, MA 01748

President, Semiconductor Test

Signatures

/s/ Ryan E. Driscoll, Deputy General Counsel, by power of attorney

02/03/2017

**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) This option was granted under Teradyne's 2006 Equity and Cash Compensation Plan, and is exercisable at the rate of 25% per year, commencing on the date of the first anniversary of the grant, January 29, 2017.

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.

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