Gray Charles Jeffrey Form 4 January 31, 2019

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number: 3235-0287

OMB APPROVAL

Expires: January 31, 2005 Estimated average

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

obligations

may continue.

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

See Instruction 1(b).

(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) (1		(Middle)	3. Date of Earliest Transaction	(====== un uppneueie)		
TERADYNE RIVERPARK	· · · · · · · · · · · · · · · · · · ·		(Month/Day/Year) 01/29/2019	Director 10% Owner _X_ Officer (give title Other (specify below) VP,General Counsel & Secretary		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
NORTH READING, MA 01864			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	le I - Non-D	Derivative :	Securi	ities Acqu	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		5. Amount of Securities Ownership Beneficially Form: Direct Owned (D) or Following Indirect (I) Reported (Instr. 4) Transaction(s) (Instr. 3 and 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	01/29/2019		Code V M	Amount 3,603	(D)	Price \$ 36.34	35,550	D	
Common Stock	01/29/2019		F(1)	1,054	D	\$ 36.34	34,496	D	
Common Stock	01/30/2019		M	17,204	A	\$ 36.34	51,700	D	
Common Stock	01/30/2019		F(1)	5,058	D	\$ 36.34	46,642	D	
Common Stock	01/30/2019		M	18,014	A	\$ 36.34	64,656	D	

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Common Stock	01/30/2019	F(1)	7,638	D	\$ 57,018	D
Common Stock	01/30/2019	M	3,564	A	\$ 36.9 60,582	D
Common Stock	01/30/2019	F <u>(1)</u>	1,583	D	\$ 36.9 58,999	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 of on 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)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Restricted Stock Units	\$ 0 (2)	01/29/2019		M		3,603	(2)	(2)	Common Stock	3,603
Restricted Stock Units	\$ 0 (3)	01/29/2019		A	35,218		<u>(4)</u>	<u>(4)</u>	Common Stock	35,218
Restricted Stock Units	\$ 0 (5)	01/30/2019		M		17,204	<u>(5)</u>	<u>(5)</u>	Common Stock	17,204
Restricted Stock Units	\$ 0 (5)	01/30/2019		M		18,014	<u>(5)</u>	<u>(5)</u>	Common Stock	18,014
Restricted Stock Units	\$ 0 (6)	01/30/2019		M		3,564	<u>(6)</u>	<u>(6)</u>	Common Stock	3,564

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

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Gray Charles Jeffrey TERADYNE, INC. 600 RIVERPARK DRIVE NORTH READING, MA 01864

VP, General Counsel & Secretary

Signatures

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

01/31/2019

**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) Shares/units withheld but not issued to satisfy certain tax withholding obligations.
- (2) Indicates conversion upon vesting of 25% of the time-based Restricted Stock Units (RSU's) granted on January 29, 2016. The remaining portion will vest on January 29, 2020.
- (3) Each Restricted Stock Unit (RSU) represents the right to receive one share of Teradyne, Inc. common stock.
- (4) These are performance-based RSU's granted on January 29, 2016. The number of performance-based RSU's was determined on January 29, 2019 and vest in full on January 29, 2019.
- (5) Indicates conversion upon vesting of 100% of performance-based RSU's granted on January 29, 2016.
- (6) Indicates conversion upon vesting of the final 25% of the time-based RSU's granted on January 30, 2015.

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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