Gray Charles Jeffrey Form 4 January 29, 2019

FORM 4

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

OMB Number: 3235-0287

OMB APPROVAL

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005 Estimated average

0.5

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

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 ** 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)	3. Date of Earliest Transaction	(enter an approach)		
TERADYNE, RIVERPARK			(Month/Day/Year) 01/25/2019	Director 10% OwnerX Officer (give title Other (specify below) VP,General Counsel & Secretary		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
NORTH REAL	DING, 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) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	, or Beneficial	y 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)	, , ,		5. Amount of Securities Beneficially Owned Following	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	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	01/28/2019		M	2,626	A	\$ 36.77	31,726	D	
Common Stock	01/28/2019		F <u>(1)</u>	841	D	\$ 36.77	30,885	D	
Common Stock	01/28/2019		M	1,627	A	\$ 36.77	32,512	D	
Common Stock	01/28/2019		F(1)	565	D	\$ 36.77	31,947	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 Derivative Securities Acquired Disposed (Instr. 3, 4, 5)	e (A) or of (D)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and
							Date Exercisable	Expiration Date	Title
				Code V	(A)	(D)			
Restricted Stock Units	(2)	01/25/2019		A	8,926		(3)	(3)	Common Stock
Non-qualified Stock Option (Right to Buy)	\$ 36.75	01/25/2019		A	7,993		01/25/2020(4)	01/25/2026	Common Stock
Restricted Stock Units	\$ 0 (5)	01/28/2019		M		2,626	(5)	(5)	Common Stock
Restricted Stock Units	\$ 0 (6)	01/28/2019		M		1,627	<u>(6)</u>	<u>(6)</u>	Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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

01/29/2019

**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.

Reporting Owners 2

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- (2) Each Restricted Stock Unit (RSU) represents the right to receive one share of Teradyne, Inc. common stock.
- These RSU's were issued under Teradyne's 2006 Equity and Cash Compensation Incentive Plan, are time-based, and will vest in four equal installments beginning on January 29, 2020.
- 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, January 29, 2020.
- Indicates conversion upon vesting of 25% of the time-based RSU's granted on January 27, 2017. The remaining portion will vest in two equal installments annually on the anniversary of the grant.
- (6) Indicates conversion upon vesting of 25% of the time-based RSU's granted on January 26, 2018. The remaining portion will vest in three equal installments annually on the anniversary of the grant.

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.