TERADYNE, INC Form 4 January 26, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * JAGIELA MARK E			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	(* * * * * * * * * * * * * * * * * * *		
TERADYNE, INC., 600 RIVERPARK DRIVE			(Month/Day/Year) 01/24/2017	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) President and CEO		
(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	e I - Non-E	Derivative S	Securi	ities Acqu	ired, 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. Transaction Code (Instr. 8)	4. Securities Acquired ion(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		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 Stock	01/24/2017		$\begin{array}{cc} \text{Code} & V \\ \hline F_{\underline{}}^{(1)} & \end{array}$	Amount 6,468	(D)	Price \$ 26.53	(Instr. 3 and 4) 341,769	D	
Common Stock	01/24/2017		M	13,048	A	\$ 26.53	328,305	D	
Common Stock	01/24/2017		M	19,932	A	\$ 26.53	348,237	D	
Common Stock	01/24/2017		F(1)	6,140	D	\$ 26.53	335,629	D	
Common Stock	01/25/2017		M	18,720	A	\$ 27.2	354,349	D	

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Common Stock	01/25/2017	F <u>(1)</u>	8,808	D	\$ 27.2 345,541	D
Common Stock	01/25/2017	M	9,360	A	\$ 27.2 354,901	D
Common Stock	01/25/2017	F(1)	4,404	D	\$ 27.2 350,497	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)	Securities (A) or Dis (D)	erivative Expecurities Acquired (Mo		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)	01/24/2017		M		13,048	(2)	(2)	Common Stock	13,048	
Restricted Stock Units	\$ 0 (3)	01/24/2017		A	19,932		<u>(4)</u>	<u>(4)</u>	Common Stock	19,932	
Restricted Stock Units	\$ 0 (5)	01/24/2017		M		19,932	<u>(5)</u>	<u>(5)</u>	Common Stock	19,932	
Restricted Stock Units	\$ 0 (6)	01/25/2017		M		18,720	<u>(6)</u>	<u>(6)</u>	Common Stock	18,720	
Restricted Stock Units	\$ 0 <u>(7)</u>	01/25/2017		M		9,360	<u>(7)</u>	<u>(7)</u>	Common Stock	9,360	

Reporting Owners

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

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JAGIELA MARK E TERADYNE, INC. 600 RIVERPARK DRIVE NORTH READING, MA 01864

President and CEO

Signatures

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

01/26/2017

**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) Shares/units withheld but not issued to satisfy certain tax withholding obligations.

X

- (2) Indicates conversion upon vesting of 25% of the time-based Restricted Stock Units (RSU's) granted on January 24, 2014. The remaining portion will vest on the anniversary of the grant.
- (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 January 24, 2014. The number of performance-based RSU's was determined on January 24, 2017 and vest in full on January 24, 2017.
- (5) Indicates conversion upon vesting of 100% of performance-based RSUs granted on January 24, 2014.
- (6) Indicates conversion upon vesting of the final portion of the performance-based RSU's granted on January 25, 2013.
- (7) Indicates conversion upon vesting of the final portion of the time-based RSU's granted on January 25, 2013.

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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