JAGIELA MARK E

Form 4

January 26, 2012

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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obligations may continue. See Instruction

(State)

(Zip)

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).

(City)

(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 JAGIELA MARK E 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 TERADYNE, INC., 600 01/24/2012 below) RIVERPARK DRIVE President, ST Division (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 NORTH READING, MA 01864 Person

(City)	(State)	Tabl	e I - Non-L	Derivative (Securi	ities Acqu	iired, 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)	Code (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	01/25/2012		M	10,439	A	\$ 16.13	79,758	D	
Common Stock	01/25/2012		F(1)	3,517	D	\$ 16.13	76,241	D	

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

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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 or Derivative Securities (A) or Dis (D) (Instr. 3, 4	Acquired sposed of	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)	01/24/2012		A	46,088		(3)	(3)	Common Stock	46,088
Restricted Stock Units	\$ 0 (4)	01/25/2012		M		10,439	<u>(4)</u>	<u>(4)</u>	Common Stock	10,439

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Dinastan	1007 Oxxxxx	Officer	Other			

Director 10% Owner Officer Other

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

President, ST Division

Signatures

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

01/26/2012

**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 withholdings obligations.
- (2) Each RSU represents the right to receive one share of Teradyne, Inc. common stock.
- (3) These are performance-based RSU's. The number of performance-based RSU's was determined on January 24, 2012 and will vest in four equal annual installments beginning on January 28, 2012.
- (4) Indicates conversion upon vesting of the final portion of the time-based Restricted Stock Units (RSU's) granted on January 25, 2008.

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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