TERADYNE, INC Form 4 May 24, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

X Form filed by One Reporting Person Form filed by More than One Reporting

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

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

Check this box

if no longer

subject to

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)

2. Issuer Name and Ticker or Trading **GILLIS EDWIN J** Issuer Symbol TERADYNE, INC [TER] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) X_ Director 10% Owner Other (specify Officer (give title TERADYNE, INC., 600 05/22/2012 below) RIVERPARK DRIVE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

NORTH READING, MA 01864

(State)

(Zip)

1. Name and Address of Reporting Person *

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of TransactionAcquired (A) or Security (Month/Day/Year) Execution Date, if Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common 05/24/2012 M 7,813 Α \$0 74,500 D Stock

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. Transacti Code (Instr. 8)	5. NumborDerivati Securitic Acquire Dispose (Instr. 3,	ve es d (A) or d of (D)	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 Shares
Restricted Stock Units	\$ 0 (1)	05/24/2012		M		7,813	<u>(1)</u>	<u>(1)</u>	Common Stock	7,813
Restricted Stock Units	\$ 0 (2)	05/22/2012		A	8,225		(3)	(3)	Common Stock	8,225

Reporting Owners

Reporting Owner Name / Address	Relationships						
riopozonig o miloz riumo (rium 1955	Director	10% Owner	Officer	Other			
GILLIS EDWIN J							
TERADYNE, INC.	X						
600 RIVERPARK DRIVE	Λ						
NORTH READING, MA 01864							

Signatures

/s/ Ryan E. Driscoll, Deputy General Counsel, by power of attorney 05/24/2012

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

**Signature of Reporting Person

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Date

- (1) Indicates conversion upon vesting of 100% of the time-based Restricted Stock Units (RSU's) granted on May 24, 2011 under the Teradyne, Inc. 2006 Equity and Cash Compensation Incentive Plan.
- (2) Each RSU represents the right to receive one share of Teradyne, Inc. common stock.
- (3) These RSU's were issued under the Teradyne, Inc. 2006 Equity and Cash Compensation Incentive Plan, are time-based, and will vest in full on May 22, 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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