TERADYNE, INC Form 4 January 27, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1(b).

(Last)

(City)

1. Name and Address of Reporting Person **
Beecher Gregory R

(First) (Middle)

TERADYNE, INC., 600 RIVERPARK DRIVE

(Street)

(State)

2. Issuer Name **and** Ticker or Trading Symbol

TERADYNE, INC [TER]

3. Date of Earliest Transaction (Month/Day/Year) 01/25/2010

Filed(Month/Day/Year)

4. If Amendment, Date Original

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB

Number:

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3235-0287

January 31,

2005

0.5

_____ Director _____ 10% Owner _____ Softicer (give title _____ Other (specify below) VP and CFO

6. Individual or Joint/Group Filing(Check Applicable Line)

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

Person

NORTH READING, MA 01864

(City)	(State) (A	Table Table	e I - Non-D	erivative S	ecurit	ies Acq	puired, Disposed o	of, 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. Transactic Code (Instr. 8)	4. Securities Acquired on (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Form: Direct Beneficially (D) or Indirect (I) Following (Instr. 4) Reported		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	01/25/2010		M	10,439	A	\$0	64,325	D	
Common Stock	01/25/2010		F(1)	3,798	D	\$0	60,527	D	
Common Stock	01/26/2010		M	6,972	A	\$0	67,499	D	
Common Stock	01/26/2010		F(1)	2,214	D	\$0	65,285	D	
Common Stock	01/26/2010		M	1,407	A	\$0	66,692	D	

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Common Stock

01/26/2010

 $F^{(1)}$

447

D

\$ 0 66,245

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 or 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)		8. I De Sec (In
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 0 (2)	01/25/2010		M	10,439	(2)	(2)	Common Stock	10,439	9
Restricted Stock Units	\$ 0 (3)	01/26/2010		M	6,972	(3)	(3)	Common Stock	6,972	\$
Restricted Stock Units	\$ 0 (4)	01/26/2010		M	1,407	<u>(4)</u>	<u>(4)</u>	Common Stock	1,407	\$

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Othe			
Beecher Gregory R							
TERADYNE, INC.			VD and CEO				
600 RIVERPARK DRIVE			VP and CFO				
NORTH READING, MA 01864							

Signatures

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

01/27/2010

**Signature of Reporting Person

Date

Reporting Owners 2

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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 25, 2008. The remaining portion will vest in two equal installments annually on the anniversary of the grant.
- (3) Indicates conversion upon vesting of 25% of the time-based RSU's granted on January 26, 2007. The remaining portion of the time-based RSU's will vest on January 26, 2011.
- (4) Indicates conversion upon vesting of 25% of the performance-based RSU's granted on January 26, 2007. The remaining portion of the performance-based RSU's will vest on January 26, 2011.

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.