TERADYNE, INC Form 4 February 06, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

BAGLEY JAMES W Issuer Symbol TERADYNE, INC [TER] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) X_ Director 10% Owner Officer (give title Other (specify TERADYNE, INC., 600 02/05/2007 below) RIVERPARK DRIVE

2. Issuer Name and Ticker or Trading

(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

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

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response...

Estimated average

burden hours per

NORTH READING,, MA 01864

1. Name and Address of Reporting Person *

(City) (State) (Zip) 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 Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or 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) Amount (D) Price Code V Comon 02/06/2007 5.241 73,421 D M (1) 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. Transactic 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 (2)	02/05/2007		A	6,575		(3)	(3)	Common Stock	6,575
Restricted Stock Units	\$ 0 (1)	02/06/2007		M		5,241	<u>(1)</u>	<u>(1)</u>	Common Stock	5,241

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
BAGLEY JAMES W TERADYNE, INC. 600 RIVERPARK DRIVE NORTH READING,, MA 01864	X						

Signatures

Eileen Casal, General Counsel, by power of attorney 02/06/2007

**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) Indicates conversion upon vesting of 100% of time-based Restricted Stock Units (RSU's) granted on February 6, 2006, under the Teradyne, Inc. 1997 Employee Stock Option 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 February 5, 2008.
- (4) Does not include a total of 85,943 options to purchase common stock of Teradyne, Inc., a portion of which are phantom stock units.

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.

Reporting Owners 2