

KEITHLEY INSTRUMENTS INC  
 Form 4  
 August 30, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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. Name and Address of Reporting Person \*  
**GAFFNEY ALAN S**

2. Issuer Name and Ticker or Trading Symbol  
**KEITHLEY INSTRUMENTS INC [KEI]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
**KEITHLEY INSTRUMENTS, INC., 28775 AURORA ROAD**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**08/29/2007**

\_\_\_\_ Director  
 Officer (give title below) \_\_\_\_\_ 10% Owner  
 \_\_\_\_\_ Other (specify below)  
**VP Comm Mkt & Info Sys**

**SOLON, OH 44139**

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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 (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Shares	03/30/2007		J <sup>(1)</sup>		4	A	\$ 15.1899
Common Shares	06/29/2007		J <sup>(1)</sup>		5	A	\$ 12.6769
Common Shares	08/29/2007		M		2,000	A	\$ 4.125
							3,754

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form**

SEC 1474 (9-02)

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)

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 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 Security (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Common Share Option	\$ 4.125	08/29/2007		M	2,000	07/17/2001	07/16/2009	Common Shares	2,000
Common Share Option	\$ 19.9688					04/06/2002	04/05/2010	Common Shares	6,000
Common Share Option	\$ 45.125					08/02/2002	08/01/2010	Common Shares	8,000
Common Share Option	\$ 18.41					07/25/2003 <sup>(2)</sup>	07/24/2011	Common Shares	15,000
Common Share Option	\$ 13.76					07/24/2004 <sup>(2)</sup>	07/23/2012	Common Shares	25,000
Common Share Option	\$ 16.12					08/10/2005 <sup>(3)</sup>	07/18/2013	Common Shares	28,000
Common Share Option	\$ 18.75					02/15/2005 <sup>(4)</sup>	07/16/2014	Common Shares	24,000
Common Share Option	\$ 15.05					10/04/2007 <sup>(2)</sup>	10/03/2015	Common Shares	6,000
Performance Award Unit	\$ 0					09/30/2008	02/01/2012	Common Shares	4,000
Common Share Option	\$ 14					01/30/2009 <sup>(2)</sup>	01/30/2017	Common Shares	6,000
Performance Award Unit	\$ 0					09/30/2009	02/01/2012	Common Shares	4,000

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director    10% Owner    Officer    Other

GAFFNEY ALAN S  
KEITHLEY INSTRUMENTS, INC.  
28775 AURORA ROAD  
SOLON, OH 44139

VP Comm Mkt & Info Sys

## Signatures

Mark J. Plush,  
Attorney-in Fact

08/30/2007

\_\_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) Acquired through Employee Stock Purchase and Dividend Reinvestment Plan.
- (2) Date reported applies to 50% of total, one-half of the balance is then exercisable in each succeeding year
- (3) Option became fully vested on August 10, 2005
- (4) Option became fully vested on February 15, 2005

(5) Each Performance Award Unit represents the right to receive one common share at the end of the applicable performance period. The number of units actually earned is subject to adjustment based upon the Company's revenue growth versus that of a defined Peer Group, as well as the Company maintaining an acceptable level of profitability. Minimum number of units is 0 while the maximum number of units is two times the target number shown.

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.