KEITHLEY INSTRUMENTS INC

Reminder: Report on a separate line for each class of

securities beneficially owned directly or indirectly.

Form 5

October 30, 2007

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer **GAFFNEY ALAN S** Symbol KEITHLEY INSTRUMENTS INC (Check all applicable) [KEI] (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) Director 10% Owner _ Officer (give title X (Month/Day/Year) Other (specify below) below) 09/30/2007 VP Comm Mkt & Info Sys KEITHLEY INSTRUMENTS. INC., Â 28775 AURORA ROAD (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) SOLON, OHÂ 44139 _X_ Form Filed by One Reporting Person Form Filed by More than One Reporting (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 6. 1. Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired (A) 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial (Month/Day/Year) (Instr. 8) Owned at Direct (D) Ownership end of or Indirect (Instr. 4) Issuer's (I) Fiscal Year (Instr. 4) (A) (Instr. 3 and or 4) Amount (D) Price Common Â Â $J_{-}^{(1)}$ 09/28/2007 A 3,761 D Shares 10.5994

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

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SEC 2270

(9-02)

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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. 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 Amour Underlying Securit (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sl
Common Share Option	\$ 19.9688	Â	Â	Â	Â	Â	04/06/2002	04/05/2010	Common Shares	6,0
Common Share Option	\$ 45.125	Â	Â	Â	Â	Â	08/02/2002	08/01/2010	Common Shares	8,0
Common Share Option	\$ 18.41	Â	Â	Â	Â	Â	07/25/2003(2)	07/24/2011	Common Shares	15,
Common Share Option	\$ 13.76	Â	Â	Â	Â	Â	07/24/2004(3)	07/23/2012	Common Shares	25,
Common Share Option	\$ 16.12	Â	Â	Â	Â	Â	08/10/2005(4)	07/18/2013	Common Shares	28,
Common Share Option	\$ 18.75	Â	Â	Â	Â	Â	02/15/2005(2)	07/16/2014	Common Shares	24,
Common Share Option	\$ 15.05	Â	Â	Â	Â	Â	10/04/2007(3)	10/03/2015	Common Shares	6,0
Performance Award Unit	\$ 0	Â	Â	Â	Â	Â	09/30/2008	02/01/2012	Common Shares	4,6
Common Share Option	\$ 14	Â	Â	Â	Â	Â	01/30/2009(3)	01/30/2017	Common Shares	6,0
Performance Award Unit	\$ 0	Â	Â	Â	Â	Â	09/30/2009	02/01/2012	Common Shares	4,6

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Othe			
GAFFNEY ALAN S KEITHLEY INSTRUMENTS, INC. 28775 AURORA ROAD SOLON, OH 44139	Â	Â	VP Comm Mkt & Info Sys	Â			

Reporting Owners 2

Signatures

Mark J. Plush, Attorney-in Fact

**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) Option became fully vested on February 15, 2005
- (3) Date reported applies to 50% of total, one-half of the balance is then exercisable in each succeeding year
- (4) Option became fully vested on August 10, 2005
 - 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 provided 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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