PESEC JOHN A Form 4

February 27, 2007 **FORM 4**

OMB APPROVAL

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

OMB Number: 3235-0287 Expires: January 31, 2005

if no longer subject to Section 16. Form 4 or Form 5

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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).

(Print or Type Responses)

Name and Address of Reporting Person PESEC JOHN A	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	3. Date of Earliest Transaction (Month/Day/Year) 02/26/2007	Director 10% Owner Selection 10% Owner Selection Other (specify below)		
(Street) SOLON, OH 44139	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secui	rities Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	(Instr. 3,	ispose 4 and (A) or	d of (D) 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 Indirect Beneficial Ownership (Instr. 4)
Common Shares	02/26/2007		Code V M	Amount 3,000	(D)	Price \$ 5.7188	10,090	D	
Common Shares	02/26/2007		S	100	D	\$ 15.41	9,900	D	
Common Shares	02/26/2007		S	2,300	D	\$ 15.42	7,690	D	
Common Shares	02/26/2007		S	300	D	\$ 15.43	7,390	D	
Common Shares	02/26/2007		S	200	D	\$ 15.44	7,190	D	

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Common Shares	02/26/2007	S	100	D	\$ 15.45	7,090	D	
Common Shares						10	I	Jointly held with Wife
Common Shares						9	I	Wife

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

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(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. Transacti Code (Instr. 8)	onof D Secu Acq (A) Disp (D)	urities uired or posed of tr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Nun of Si
Common Share Option	\$ 5.7188	02/26/2007		M		3,000	09/20/1999	09/19/2007	Common Shares	3,0
Common Share Option	\$ 2.5313						09/12/2000	09/11/2008	Common Shares	5,0
Common Share Option	\$ 4.125						07/17/2001	07/16/2009	Common Shares	12,
Common Share Option	\$ 45.125						08/02/2002(1)	08/01/2010	Common Shares	11,
Common Share Option	\$ 18.41						07/25/2003(1)	07/24/2011	Common Shares	25,
Common Share Option	\$ 13.76						07/24/2004(1)	07/23/2012	Common Shares	27,
Common Share Option	\$ 16.12						08/10/2005(2)	07/18/2013	Common Shares	30,
Common Share Option	\$ 18.75						02/15/2005(3)	07/16/2014	Common Shares	26,
	\$ 15.05						10/04/2007(1)	10/03/2015		10,

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Common Share Option				Common Shares	
Performance Award Unit	\$ 0	09/30/2008	02/01/2012	Common Shares	7
Common Share Option	\$ 14	01/30/2009(1)	01/30/2017	Common Shares	10
Performance Award Unit	\$ 0	09/30/2009	02/01/2012	Common Shares	7

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

PESEC JOHN A KEITHLEY INSTRUMENTS, INC. 28775 AURORA ROAD SOLON, OH 44139

VP Worldwide Sales & Support

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