

KEITHLEY INSTRUMENTS INC  
Form SC 13D/A  
March 12, 2009

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
SCHEDULE 13D  
Under the Securities Exchange Act of 1934  
(Amendment No. 6)\*  
Keithley Instruments, Inc.**

(Name of Issuer)  
Common Shares, without par value

(Title of Class of Securities)  
487584 10 4

(CUSIP Number)  
Joseph P. Keithley  
28775 Aurora Road  
Solon, Ohio 44139-1891  
(440) 248-0400

(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)  
March 12, 2009

(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 ( Act ) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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NAMES OF REPORTING PERSONS:

1 Joseph P. Keithley  
I.R.S. Identification Nos. of Above Persons (entities only):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2 (a)   
(b)

SEC USE ONLY:

3

SOURCE OF FUNDS (SEE INSTRUCTIONS):

4 Not applicable

CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e):

5

CITIZENSHIP OR PLACE OF ORGANIZATION:

6 Ohio

SOLE VOTING POWER:

7

NUMBER OF 2,731,449

SHARED VOTING POWER:

8 SHARES BENEFICIALLY OWNED BY

0

SOLE DISPOSITIVE POWER:

9 EACH

REPORTING

PERSON 2,731,449

WITH SHARED DISPOSITIVE POWER:

10

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

11

2,731,449

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

12

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11):

13

16.9%

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

14

IN

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NAMES OF REPORTING PERSONS:

**1** Keithley Investment Co. Limited  
Partnership  
I.R.S. Identification Nos. of Above Persons (entities only):  
34-1581748

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

**2**  
(a)   
(b)

SEC USE ONLY:

**3**

SOURCE OF FUNDS (SEE INSTRUCTIONS):

**4**  
Not applicable

CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS  
2(d) OR 2(e):

**5**

CITIZENSHIP OR PLACE OF ORGANIZATION:

**6**  
Ohio

SOLE VOTING POWER:

**7**

NUMBER OF 1,954,816

SHARED VOTING POWER:

SHARES  
BENEFICIALLY **8**  
OWNED BY

0

EACH REPORTING PERSON      **9**      SOLE DISPOSITIVE POWER:  
1,954,816

WITH      **10**      SHARED DISPOSITIVE POWER:  
0

**11**      AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:  
1,954,816

**12**      CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):  
o

**13**      PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11):  
12.5%

**14**      TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):  
PN

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SCHEDULE 13D

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This Amendment No. 6 to Schedule 13D (this Amendment No. 5 ) relates to the common shares, without par value (the Common Shares ), of Keithley Instruments, Inc., an Ohio corporation (the Company ), and is primarily filed to reflect changes to the initial Schedule 13D dated April 12, 1988 (the Original 13D ), as amended by Amendment No. 1 to Schedule 13D dated February 5, 1990 ( Amendment No. 1 ), Amendment No. 2 to Schedule 13D dated March 9, 1991 ( Amendment No. 2 ), Amendment No. 3 to Schedule 13D dated November 15, 1997 ( Amendment No. 3 ), Amendment No. 4 to Schedule 13D dated February 27, 2004 ( Amendment No. 4 ) and Amendment No. 5 to Schedule 13D dated March 9, 2009 ( Amendment No. 5 and, together with Amendment No. 1, Amendment No. 2, Amendment No. 3 and Amendment No. 4, the Prior Amendments ), to attach as an exhibit the agreement providing for the purchase of Common Shares by one of the reporting persons listed therein that was reported in Amendment No. 5. Except as otherwise reflected in this Amendment No. 6, there have been no material changes to the information contained in the Original 13D, as amended by the Prior Amendments.

ITEM 7. MATERIAL TO BE FILED AS EXHIBITS

1. Agreement among the Investors to file a joint statement on Schedule 13D
  2. 10b5-1 Purchase Plan, dated March 12, 2009, between Joseph P. Keithley and Thomas Weisel Partners
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SIGNATURES

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After reasonable inquiry and to the best of his or its knowledge and belief, each of the undersigned hereby certifies that the information set forth in this statement is true, complete and correct as of March 12, 2009.

KEITHLEY INVESTMENT CO. LIMITED  
PARTNERSHIP,  
an Ohio limited partnership

By: /s/ Joseph P. Keithley  
Joseph P. Keithley, its sole general partner

/s/ Joseph P. Keithley  
Joseph P. Keithley

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EXHIBIT 1

This Exhibit 1 to Amendment No. 6 to Schedule 13D is filed pursuant to the requirements of Rule 13d-1(k)(1)(iii). The undersigned hereby agree that Amendment No. 6 to Schedule 13D, to which this Exhibit 1 is attached, is filed on behalf of each of the undersigned.

KEITHLEY INVESTMENT CO. LIMITED  
PARTNERSHIP,  
an Ohio limited partnership

By: /s/ Joseph P. Keithley  
Joseph P. Keithley, its sole general partner

/s/ Joseph P. Keithley  
Joseph P. Keithley