BERTUCCI CLAIRE R Form SC 13G/A February 12, 2007

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

SCHEDULE 13G

(AMENDMENT NO. 7)

MKS Instruments, Inc. (Name of Issuer)

Common Stock (Title of Class of Securities)

55306N 10 4 (CUSIP Number)

December 31, 2006 (Date of Event Which Requires Filing of this Statement)

	k the appropriate box to designate the rule pursuant to whi	ch this Schedule
[]	Rule 13d-1(b)	
[]	Rule 13d-1(c)	
[X]	Rule 13d-1(d)	
CUSI	P NO. 55306N 10 4 13G	Page 2 of Page 6
1	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY	
	Claire R. Bertucci	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	
		(a) [] (b) []
	Not Applicable	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	United States	
	5 SOLE VOTING POWER	

3,446,784

NUMBER OF SHARES	6	SHARED VOTING I	POWER			
BENEFICIALLY OWNED BY	ζ	3,177,882 (1)				
EACH		SOLE DISPOSITI				
REPORTING PERSON WITH		3,446,784				
MIIU	8	SHARED DISPOSI	TIVE POWER			
		3,177,882 (1)				
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
6,624,6	666 (1)					
10 CHECK I	BOX IF	THE AGGREGATE AMO	OUNT IN ROW (9)	EXCLUDES CERTAIN SHARES*		
Not Applicable						
11 PERCENT	r of cl	ASS REPRESENTED I	BY AMOUNT IN ROW	9		
11.7%						
12 TYPE OF	TYPE OF REPORTING PERSON*					
IN	IN					
* See Ins	See Instructions before filling out					
(1) Shares in Rows 6, 8 and 9 include 3,177,882 shares beneficially owned by John R. Bertucci, Mrs. Bertucci's spouse, with respect to which Mrs. Bertucci disclaims beneficial ownership.						
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Item 1(a). Name of Issuer:						
1	MKS Inst	truments, Inc.				
Item 1(b). Address of Issuer's Principal Executive Offices:						
		strial Way ton, MA 01887				
Item 2(a). Name of Person Filing:						
(Claire B	R. Bertucci				
Item 2(b). A	Address	of Principal Bus	siness Office or	, if None, Residence:		
-	The add	ress of the repo	rting persons is	:		
(00 Indus	Instruments, Ind strial Way ton, MA 01887	с.			

Item 2(c). Citizenship:

Mrs. Bertucci is a citizen of the United States.

Item 2(d). Title of Class of Securities:

Common Stock, no par value per share.

Item 2(e). CUSIP Number:

CUSIP No. 55306N 10 4

- Item 3. If This Statement is Filed Pursuant to Section 240.13d-1(b), or 240.13d-2(b) or (c), Check Whether the Person Filing is a: Not Applicable.
 - (a) [] Broker or dealer registered under Section 15 of the Act (15 U.S.C. 780).
 - (b) [] Bank as defined in Section 3(a)(6) of the Exchange Act (15 U.S.C. 78c).
 - (c) [] Insurance company as defined in Section 3(a)(19) of the Exchange Act (15 U.S.C. 78c).
 - (d) [] Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).

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- (f) [] An employee benefit plan or endowment fund in accordance with Section 240.13d-1 (b) (1) (ii) (F);
- (g) [] A parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G);
- (i) [] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) [] Group, in accordance with Section 240.13d-1(b)(1)(ii)(J).

Item 4. Ownership:

The filing of this statement shall not be construed as an admission that any of the reporting persons are, for the purpose of Section 13(d) or 13(g) of the Act, the beneficial owners of any securities covered under this Statement.

- (a) Amount Beneficially Owned by Claire R. Bertucci: 6,624,666 shares (2)
- (b) Percent of Class: 11.7%
- (c) Number of Shares as to which Claire R. Bertucci has:

- (i) Sole power to vote or to direct the vote: 3,446,784 shares
- (ii) Shared power to vote or to direct the vote: 3,177,882 shares (2)
- (iii) Sole power to dispose or to direct the disposition of: 3,446,784 shares
- (iv) Shared power to dispose or to direct the disposition of: 3,177,882 shares (2)
- (2) Includes 3,177,882 shares beneficially owned by John R. Bertucci, Mrs. Bertucci's spouse, with respect to which Mrs. Bertucci disclaims beneficial ownership.

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5% of the class of securities, check the following: [].

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being

Reported on by the Parent Holding Company.

Not applicable

Item 8. Identification and Classification of Members of the Group.

Not applicable

Item 9. Notice of Dissolution of Group.

Not applicable

Item 10. Certification.

Not applicable

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, ${\tt I}$ certify that the information set forth in this statement is true, complete and correct.

Dated: February 7, 2007

/s/ Claire R. Bertucci
------Claire R. Bertucci