BERTUCCI JOHN R Form SC 13G/A February 15, 2005

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G (RULE 13D-102)

INFORMATION TO BE INCLUDED IN STATEMENTS
FILED PURSUANT TO RULES 13D-1(B)(C), AND (D)
AND AMENDMENTS THERETO FILED
PURSUANT TO RULE 13D-(2)(B)

(AMENDMENT NO. 5)

	MKS Instruments, Inc.		
	(Name of Issuer)		
	Common Stock		
	(Title of Class of Securities)		
	55306N 10 4		
	(CUSIP Number)		
	December 31, 2004		
	(Date of Event Which Requires Filing of this State:	ment)	
	k the appropriate box to designate the rule pursuant to whi iled:	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 ONL	Y)	
	John R. Bertucci		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a)	[]
7	Not Applicable		[]
3 	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	United States		

	5	SOLE VOTING POWER				
NUMBER OF	,	0				
BENEFICIALI	6	6 SHARED VOTING POWER 5,011,216(1)				
OWNED BY EACH REPORTI	ING					
PERSON WITH	7	SOLE DISPOSITIVE POWER				
		5,011,216(1)				
	8	SHARED DISPOSITIVE POWER				
		0				
9 AGGREC	GATE AMOUNT	BENEFICIALLY OWNED BY EACH RE	PORTING PERSON			
9,558,	000(1)					
 10 CHECK		AGGREGATE AMOUNT IN ROW (9) E				
Not Ap	plicable					
 11 PERCEN	T OF CLASS	REPRESENTED BY AMOUNT IN ROW	9			
17.8%	17.8%(1)					
10						
IZ TYPE (DE REPORTIN	IG FERSON				
IZ TYPE (JE REPORTIN	IG FERSON				
12 TYPE (P REPORTIF	* See Instructions before fill	ing out			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY	S OF SHARES RULE 13D-3 JARY 31, 20		JARY 31, 2005. INCLUDES, TIONS EXERCISABLE WITHIN 60 ENCLUDE, 4,546,784 SHARES CCI'S SPOUSE, AS OF JANUARY			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY 31, 2005 WIT	S OF SHARES RULE 13D-3 JARY 31, 20 OWNED BY TH RESPECT	* See Instructions before fill BENEFICIALLY OWNED AS OF JANUA 3, 30,106 SHARES SUBJECT TO OPT 105. SHARES REPORTED IN ROW 9 I CLAIRE R. BERTUCCI, MR. BERTUC	JARY 31, 2005. INCLUDES, CIONS EXERCISABLE WITHIN 60 ENCLUDE, 4,546,784 SHARES CCI'S SPOUSE, AS OF JANUARY IS BENEFICIAL OWNERSHIP.			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY 31, 2005 WIT	S OF SHARES RULE 13D-3 JARY 31, 20 OWNED BY CH RESPECT	* See Instructions before fill BENEFICIALLY OWNED AS OF JANUAR, 30,106 SHARES SUBJECT TO OPT 005. SHARES REPORTED IN ROW 9 I CLAIRE R. BERTUCCI, MR. BERTUC TO WHICH MR. BERTUCCI DISCLAIM	JARY 31, 2005. INCLUDES, CIONS EXERCISABLE WITHIN 60 ENCLUDE, 4,546,784 SHARES CCI'S SPOUSE, AS OF JANUARY IS BENEFICIAL OWNERSHIP.			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY 31, 2005 WIT	S OF SHARES RULE 13D-3 JARY 31, 20 OWNED BY TH RESPECT 6306N 10 4 Name of Is	* See Instructions before fill BENEFICIALLY OWNED AS OF JANUAR, 30,106 SHARES SUBJECT TO OPT 005. SHARES REPORTED IN ROW 9 I CLAIRE R. BERTUCCI, MR. BERTUC TO WHICH MR. BERTUCCI DISCLAIM	JARY 31, 2005. INCLUDES, CIONS EXERCISABLE WITHIN 60 ENCLUDE, 4,546,784 SHARES CCI'S SPOUSE, AS OF JANUARY IS BENEFICIAL OWNERSHIP.			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY 31, 2005 WIT CUSIP No. 55	S OF SHARES RULE 13D-3 JARY 31, 20 OWNED BY TH RESPECT 3306N 10 4 Name of Is	* See Instructions before fill BENEFICIALLY OWNED AS OF JANU 3, 30,106 SHARES SUBJECT TO OPT 005. SHARES REPORTED IN ROW 9 I CLAIRE R. BERTUCCI, MR. BERTUC TO WHICH MR. BERTUCCI DISCLAIM 13G	VARY 31, 2005. INCLUDES, CIONS EXERCISABLE WITHIN 60 INCLUDE, 4,546,784 SHARES CI'S SPOUSE, AS OF JANUARY IS BENEFICIAL OWNERSHIP. Page 3 of Page 6			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY 31, 2005 WIT CUSIP No. 55	S OF SHARES RULE 13D-3 JARY 31, 20 OWNED BY TH RESPECT 3306N 10 4 Name of Is	* See Instructions before fill BENEFICIALLY OWNED AS OF JANUAR, 30,106 SHARES SUBJECT TO OPT 005. SHARES REPORTED IN ROW 9 I CLAIRE R. BERTUCCI, MR. BERTUC TO WHICH MR. BERTUCCI DISCLAIM 13G suer: Imments, Inc.	VARY 31, 2005. INCLUDES, CIONS EXERCISABLE WITHIN 60 INCLUDE, 4,546,784 SHARES CI'S SPOUSE, AS OF JANUARY IS BENEFICIAL OWNERSHIP. Page 3 of Page 6			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY 31, 2005 WIT CUSIP No. 55	S OF SHARES RULE 13D-3 JARY 31, 20 Y OWNED BY TH RESPECT 5306N 10 4 Name of Is MKS Instru Address of	* See Instructions before fill BENEFICIALLY OWNED AS OF JANUAR, 30,106 SHARES SUBJECT TO OPT 005. SHARES REPORTED IN ROW 9 I CLAIRE R. BERTUCCI, MR. BERTUC TO WHICH MR. BERTUCCI DISCLAIM 13G suer: Imments, Inc.	VARY 31, 2005. INCLUDES, CIONS EXERCISABLE WITHIN 60 ENCLUDE, 4,546,784 SHARES CI'S SPOUSE, AS OF JANUARY IS BENEFICIAL OWNERSHIP. Page 3 of Page 6			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY 31, 2005 WIT CUSIP No. 55 Item 1(a).	S OF SHARES RULE 13D-3 JARY 31, 20 Y OWNED BY TH RESPECT 5306N 10 4 Name of Is MKS Instru Address of 90 Industr	* See Instructions before fill BENEFICIALLY OWNED AS OF JANUAR, 30,106 SHARES SUBJECT TO OPTO 005. SHARES REPORTED IN ROW 9 IN CLAIRE R. BERTUCCI, MR. BERTUCCI TO WHICH MR. BERTUCCI DISCLAIM 13G suer: Imments, Inc. I Issuer's Principal Executive Field Way	VARY 31, 2005. INCLUDES, CIONS EXERCISABLE WITHIN 60 ENCLUDE, 4,546,784 SHARES CI'S SPOUSE, AS OF JANUARY IS BENEFICIAL OWNERSHIP. Page 3 of Page 6			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY 31, 2005 WIT CUSIP No. 55 Item 1(a). Item 1(b).	S OF SHARES RULE 13D-3 JARY 31, 20 Y OWNED BY TH RESPECT 5306N 10 4 Name of Is MKS Instru Address of 90 Industr	* See Instructions before fill BENEFICIALLY OWNED AS OF JANUAR, 30,106 SHARES SUBJECT TO OPT 005. SHARES REPORTED IN ROW 9 I CLAIRE R. BERTUCCI, MR. BERTUC TO WHICH MR. BERTUCCI DISCLAIM 13G suer: Imments, Inc. Issuer's Principal Executive rial Way 1, MA 01887 erson Filing:	VARY 31, 2005. INCLUDES, CIONS EXERCISABLE WITHIN 60 ENCLUDE, 4,546,784 SHARES CI'S SPOUSE, AS OF JANUARY IS BENEFICIAL OWNERSHIP. Page 3 of Page 6			
IN (1) CONSISTS PURSUANT TO DAYS OF JANU BENEFICIALLY 31, 2005 WIT CUSIP No. 55 Item 1(a). Item 1(b).	S OF SHARES RULE 13D-3 JARY 31, 20 Y OWNED BY TH RESPECT S306N 10 4 Name of Is MKS Instru Address of 90 Industr Wilmingtor Name of Pe	* See Instructions before fill BENEFICIALLY OWNED AS OF JANUAR, 30,106 SHARES SUBJECT TO OPT 005. SHARES REPORTED IN ROW 9 I CLAIRE R. BERTUCCI, MR. BERTUC TO WHICH MR. BERTUCCI DISCLAIM 13G suer: Imments, Inc. Issuer's Principal Executive rial Way 1, MA 01887 erson Filing:	VARY 31, 2005. INCLUDES, CIONS EXERCISABLE WITHIN 60 ENCLUDE, 4,546,784 SHARES CCI'S SPOUSE, AS OF JANUARY IS BENEFICIAL OWNERSHIP. Page 3 of Page 6 Offices:			

c/o MKS Instruments, Inc. 90 Industrial Way Wilmington, MA 01887 Item 2(c). Citizenship: Mr. 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 If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a: Not Applicable. (a) [] Broker or dealer registered under Section 15 of the Exchange Act. (b) [] Bank as defined in Section 3(a)(6) of the Exchange Act. (c) [] Insurance company as defined in Section 3(a)(19) of the Exchange Act. (d) [] Investment company registered under Section 8 of the Investment Company Act. CUSTP No. 55306N 10 4 Page 4 of Page 6 13G (e) [] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E); (f) [] An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); (q) [] A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G); (h) [] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act; (i) [] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act; (j) [] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4. Ownership:

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

(a) Amount Beneficially Owned by John R. Bertucci: 9,558,000 shares(2)

- (b) Percent of Class: 17.8%(2)
- Number of Shares as to which John R. Bertucci has: (C)
 - (i) Sole power to vote or to direct the vote: 0 shares
- (ii) Shared power to vote or to direct the vote: 5,011,216
- (iii) Sole power to dispose or to direct the disposition of: 5,011,216(2) shares
- (iv) Shared power to dispose or to direct the disposition of: 0 shares
- 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: [].

(2) CONSISTS OF SHARES BENEFICIALLY OWNED AS OF JANUARY 31, 2005. INCLUDES, PURSUANT TO RULE 13D-3, 30,106 SHARES SUBJECT TO OPTIONS EXERCISABLE WITHIN 60 DAYS OF JANUARY 31, 2005. SHARES REPORTED IN ROW 4(a) ALSO INCLUDE 4,546,784 SHARES BENEFICIALLY OWNED BY CLAIRE R. BERTUCCI, MR. BERTUCCI'S SPOUSE, AS OF JANUARY 31, 2005 WITH RESPECT TO WHICH MR. BERTUCCI DISCLAIMS BENEFICIAL OWNERSHIP.

CUSIP No. 55306N 10 4

13G

Page 5 of Page 6

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

> 450,000 shares reported by Mr. Bertucci are held by Robinson Hill LP ("Robinson"). Certain limited partners, along with the general partner, of which Mr. Bertucci is the managing member, of Robinson, have the right to receive dividends from, or the proceeds from the sale of such securities.

Identification and Classification of the Subsidiary Which Acquired Item 7. the Security Being Reported on by the Parent Holding Company.

Not applicable

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

Not applicable

Item 9. Notice of Dissolution of Group.

Not applicable

Item 10. Certification.

Not applicable

CUSIP No. 55306N 10 4 13G

Page 6 of Page 6

SIGNATURES

After reasonable inquiry and to the best of the knowledge and belief of each of the undersigned, each of the undersigned hereby certifies that the information set forth in this statement is true, complete and correct.

Dated: February 15, 2005

/s/ John R. Bertucci

John R. Bertucci