BERTUCCI CLAIRE R

Form 4 May 25, 2006

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

Washington, D.C. 20549

January 31, Expires: 2005

Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

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)

			Issuer Name and Ticker or Trading mbol KS INSTRUMENTS INC [MKSI]	5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First)		Date of Earliest Transaction	(Check all applicable)				
90 INDUSTRIAL WAY			Ionth/Day/Year) 5/24/2006	DirectorX 10% Owner Officer (give title Other (specify below)				
Filed(M			If Amendment, Date Original led(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				
WILMINGTON, MA 01887 — Form fried by More than One Reporting Person								
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acq	uired, Disposed of, or Beneficially Owned				
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, any (Month/Day/Ye.	Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price	5. Amount of Securities Ownership Indirect Beneficially Form: Beneficial Owned Direct (D) Ownership Following or Indirect (Instr. 4) (Instr. 3 and 4)				
Common	05/24/2006		$S_{\underline{(1)}}$ 100,000 D $^{\$}$ 20.35	4,146,784 D				
Common				471 I By Limited Partnership				
Common				4,111,580 I By Spouse				
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. Persons who respond to the collection of SEC 1474								

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exer		7. Title		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secur
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
						LACICISAUIC	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
1 0	Director	10% Owner	Officer	Other		
BERTUCCI CLAIRE R 90 INDUSTRIAL WAY		X				
WILMINGTON, MA 01887						

Signatures

By: Joseph M.Tocci 05/25/2006 / POA Date

**Signature of Reporting

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) The transactions reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person. 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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