

MKS INSTRUMENTS INC  
 Form 5  
 February 06, 2007

**FORM 5**

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

OMB APPROVAL

OMB Number: 3235-0362  
 Expires: January 31, 2005  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported Form 4 Transactions Reported

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

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. Name and Address of Reporting Person \*  
**KAHL HANS JOCHEN**  
 (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol  
**MKS INSTRUMENTS INC [MKSI]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

**90 INDUSTRIAL WAY**  
 (Street)  
**WILMINGTON, MA 01887**  
 (City) (State) (Zip)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
**12/31/2007**

Director  10% Owner  
 Officer (give title below)  Other (specify below)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting  
 (check applicable line)

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common	03/14/2006	Â	M	12,000 A	\$ 17.06	14,987 D	Â
Common	03/14/2006	Â	S	12,000 D	\$ 23	2,987 D	Â

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

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

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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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Security (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 17.06	03/14/2006	^	M	^	12,000	08/08/1988 <sup>(1)</sup>	08/08/1988	Common	12,000
Director Stock option (right to buy)	\$ 0	^	^	^	^	^	08/08/1988	08/08/1988	Common	14,000
Director Stock Option (Right to Buy)	\$ 20.07	^	^	^	^	^	05/14/2005	05/14/2014	Common	12,000
Director Stock Option (Right to Buy) 2006	\$ 24.35	^	^	^	^	^	05/06/2007 <sup>(2)</sup>	05/08/2016	Common	12,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KAHL HANS JOCHEN 90 INDUSTRIAL WAY WILMINGTON, MA 01887	^ X	^	^	^

## Signatures

By: Joseph M. Tocci / POA 02/06/2007

\*\*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) Stock Option Grants include multiple vest dates.

(2) Option vests in full on the earlier of (i) the day before the subsequent year's annual meeting of shareholders or (ii) thirteen months from the date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.