

# MKS INSTRUMENTS INC

Reported by  
**ABRAMS JOHN R**

## FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 05/12/17 for the Period Ending 05/11/17

Address 2 TECH DRIVE  
SUITE 201  
ANDOVER, MA 01810  
Telephone 978-645-5500  
CIK 0001049502  
Symbol MKSI  
SIC Code 3823 - Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products  
Industry Industrial Machinery & Equipment  
Sector Industrials  
Fiscal Year 12/31

# FORM 4

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

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Form 5 obligations may  
continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or  
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *		2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
Abrams John R		MKS INSTRUMENTS INC [ MKSI ]		<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>Sr. VP, Global Sales &amp; Service</b>	
(Last) (First) (Middle)		3. Date of Earliest Transaction (MM/DD/YYYY)			
2 TECH DRIVE, SUITE 201		5/11/2017			
(Street)		4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)	
ANDOVER, MA 01810				<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	
(City) (State) (Zip)					

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	5/11/2017		M		2964.895	A	(1)	2965.132	D	
Common Stock	5/11/2017		F (2)		963	D	\$80.50	2002.132	D	

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Unit	(1)	5/11/2017		M			2964.895	(3)	(3)	Common Stock	2964.895	(1)	13609.989	D	

### Explanation of Responses:

- (1) Each restricted stock unit represents the contingent right to receive one share of common stock of MKS Instruments, Inc.
- (2) This transaction was effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- (3) These RSUs originally were scheduled to vest in two equal installments based on the Company's achievement of certain performance criteria for the period ending June 30, 2017 and June 30, 2018. On May 10, 2017, the Compensation Committee accelerated in full the vesting of these RSUs to May 11, 2017 as a result of the Company's 100% achievement of the performance criteria.

### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Abrams John R 2 TECH DRIVE, SUITE 201 ANDOVER, MA 01810			Sr. VP, Global Sales & Service	

### Signatures

/s/ M. Kathryn Rickards, attorney-in-fact

5/12/2017

\*\* Signature of Reporting Person

Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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