MKS INSTRUMENTS INC

Form 4

February 14, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

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Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

if no longer

subject to

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).

Common

Stock

02/10/2017

(Print or Type Responses)

1. Name and Address of Reporting Person * Quirk Brian Charles			2. Issuer Name and Ticker or Trading Symbol				Is	5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First)		MKS INSTRUMENTS INC [MKSI] 3. Date of Earliest Transaction			[231]	(Check all applicable)					
2 TECH D	PRIVE, SUITE 20		*	Month/Day/Year))2/10/2017					Director 10% Owner _X_ Officer (give title Other (specify below) Sr. VP, Global Operations			
			Filed(Month/Day/Year)				A	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
ANDOVE	R, MA 01810							_	Form filed by Mo Form filed by Mo erson	1 0		
(City)	(State)	(Zip)	Tabl	le I - Non	-D	erivative Sec	curitie	es Acqui	red, Disposed of,	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution I any (Month/Day	Date, if	3. Transacti Code (Instr. 8)	on	4. Securities Appropriate Appr	f (D)	red (A)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	02/10/2017			Code V M		Amount 3,013.256	(D)	Price (1)	(Instr. 3 and 4) 12,222.774	D		
Common Stock	02/10/2017			M	2	2,009.171	A	(1)	14,231.945	D		

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

 $F^{(2)}$

1,690

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12,541.945

D

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number.

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

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. Transactio Code (Instr. 8)	TransactionDerivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount of Number of Shares	
Restricted Stock Unit	<u>(1)</u>	02/10/2017		M	3,013.256	<u>(3)</u>	<u>(3)</u>	Common Stock	3,013.25	
Restricted Stock Unit	<u>(1)</u>	02/10/2017		M	2,009.171	<u>(4)</u>	<u>(4)</u>	Common Stock	2,009.17	
Restricted Stock Unit	<u>(1)</u>	02/13/2017		J <u>(5)</u>	1,294.40	<u>(6)</u>	<u>(6)</u>	Common Stock	1,294.40	

Reporting Owners

Reporting Owner Name / Address	Relationships						
F	Director	10% Owner	Officer	Other			
Quirk Brian Charles 2 TECH DRIVE, SUITE 201 ANDOVER, MA 01810			Sr. VP, Global Operations				

Signatures

/s/ M. Kathryn Rickards, attorney-in-fact 02/11/2017

**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) 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 are subject to the achievement of performance criteria determined in the first year of the grant and thereafter vest in equal annual installments over three years.
- (4) The RSUs vest in equal annual installments over three years from the respective original grant date.
- (5) This transaction reflects the forfeiture of RSUs due to performance criteria.
- These RSUs are subject to the achievement of performance criteria determined in the first year of grant and thereafter vest in three equal (6) annual installments beginning on February 15, 2017, provided that if, in any vesting year, February 15th is not a business day, such

vesting shall occur on the next business day.

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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