Mora Elizabeth Form 4 September 05, 2018

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005 Estimated average

burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Mora Elizabeth Issuer Symbol MKS INSTRUMENTS INC [MKSI] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner Officer (give title Other (specify C/O MKS INSTRUMENTS, INC., 2 09/04/2018 below) TECH DRIVE, SUITE 201 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting ANDOVER, MA 01810 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

		Tuore	1 1,011 2,		Jecuii	ties ricq	lan ca, Disposea c	i, or beneficial	ij O wiica
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	equired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transaction(A) or Disposed of			d of	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(D)			Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and	5)	Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(4)		Reported		
					(A)		Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	09/04/2018		S(1)	375	D	\$ 92.5	15,787.22	D	

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	·	or		
						Exercisable	Date	Title	Number		
				G 1 W	(A) (B)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Mora Elizabeth C/O MKS INSTRUMENTS, INC. 2 TECH DRIVE, SUITE 201 ANDOVER, MA 01810	X						

Signatures

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

09/05/2018

**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) This transaction was 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. 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)These securities are restricted stock units. Each unit represents the reporting person's right to receive one share of common stock. These restricted stock units shall vest at the rate of 1/4 of the shares subject to such restricted stock units as of the first anniversary of the vesting commencement date and 1/4 of the shares subject to such restricted stock units as of each of the subsequent anniversaries of the vesting commencement date thereafter, assuming continued service with the company on each vesting date. For the purposes of the restricted stock unit grant the vesting commencement date is February 1, 2015.(2)Certain of these securities are restricted stock units. Each unit represents the reporting person's right to receive one share of common stock, subject to the applicable vesting schedule.(3)These options are exercisable at the rate of 1/48th of the shares subject to such options on each monthly anniversary of the vesting commencement date, assuming continued service with the company on each vesting date. Such options have a term of seven years from the date of grant. For purposes of the option grant the vesting commencement date is February 1, 2015.

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