FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C. 20549
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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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 3235-0287 Estimated average burden hours per response: 0.5

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* BAGSHAW SETH H (Last) (First) (Middle) C/O MKS INSTRUMENTS, INC. 2 TECH DRIVE, SUITE 201 (Street)						Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI] Date of Earliest Transaction (Month/Day/Year) 7/22/2020 4. If Amendment, Date of Original Filed (Month/Day/Year)									5. Relationship of Reporting II (Check all applicable) Director X Officer (give title below) Sr. VP, CFO & 6. Individual or Joint/Group F Line) X Form filed by One R				10% Or Other (below) Freasurer	wner specify .pplicable	
(City)		MA 01810 (State) (Zip)															Form filed by One Reporting Person Form filed by More than One Reporting Person				
Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye					ear) i	2A. Deemed Execution D ar) if any		3	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 a			d (A) or	5. Amo Securir Benefic		ount of			7. Nature of Indirect Beneficial Ownership	
			(Month/Day/Year)			Code	v	Amount (A) or (D) Price		Price		Reported Transaction (Instr. 3 and				(Instr. 4)					
Common	Stock	07/22/202	0				S ⁽¹⁾		5		D	\$123		24,164.423			D				
Common	07/23/202)				S ⁽¹⁾		2,062		D	\$123.	. <mark>57</mark> ⁽²⁾	22,102.423			D					
Common	07/23/202)				S ⁽¹⁾		1,493		D	\$125.088(3)		20,609.423			D					
Common Stock 07/23/202									S ⁽¹⁾		1,440		D	\$126.07(4)		19,169.423		D			
	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. Conversior or Exercise Price of Derivative Security	version (Month/Day/Year) Execution Date, if any (Month/Day/Year) Exe					5. Nui of Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5	ative ities ired sed	Exp (Mo	Date Ex piration onth/Da			Amor Secu Unde Deriv	rlying ative rity (Inst	Deri Sec (Ins	Price of rivative curity str. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	,	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
					Code	v	V (A) (D)			te ercisab	Expirate Date	tion	Title	or Number of Shares	-						

Explanation of Responses:

- 1. This transaction was effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- 2. This transaction was executed in multiple trades at prices ranging from \$123.32 to \$123.79. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide, upon request, the full information regarding the number of shares and prices at which the transaction was effected.
- 3. This transaction was executed in multiple trades at prices ranging from \$124.52 to \$125.46. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide, upon request, the full information regarding the number of shares and prices at which the transaction was effected.
- 4. This transaction was executed in multiple trades at prices ranging from \$125.68 to \$126.51. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide, upon request, the full information regarding the number of shares and prices at which the transaction was effected.

/s/ M. Kathryn Rickards, 07/24/2020 attorney-in-fact

** 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.