FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	$D \subset$	20549	
vasilligion,	D.C.	20349	

Check this box if no longer subject
to Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(h)

## 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					2. Issuer Name and Ticker or Trading Symbol  MKS INSTRUMENTS INC [ MKSI ]											tionship of Reportin all applicable) Director Officer (give title below)		g Person(s) to Is 10% Ov Other (s below)		wner	
(Last) (First) (Middle) C/O MKS INSTRUMENTS, INC. 2 TECH DRIVE, SUITE 201					04/1	3. Date of Earliest Transaction (Month/Day/Year) 04/15/2021										Sr. VP, CFO & Treasurer					
(Street) ANDOV (City)			)181( Zip)	0	4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Indiv Line) X	ividual or Joint/Group Filing (Check Applicable 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/Ye	Execution (ear) if any				3. Transactio Code (Insti		4. Securities Acquire Disposed Of (D) (Ins					5. Amount of Securities Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I)		7. Nature of Indirect Beneficial Ownership		
							[	Code	v	Amount	(4	A) or Price			Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)		(Instr. 4)		
Common	Stock			04/15/202	1				S <sup>(1)</sup>		1,400		D	\$184.	364 <sup>(2)</sup>	27,0	010.407		D		
Common Stock 04/15/202			1				S <sup>(1)</sup>		704		D	\$185.	386 <sup>(3)</sup>	26,306.407			D				
Common Stock 04/15/202			1				<b>S</b> <sup>(1)</sup>		1,741 D \$186		\$186.	651 <sup>(4)</sup> 24,		,565.407		D					
Common Stock 04/15/202			1	I			S <sup>(1)</sup>		4,955		D	\$187.78 <sup>(5)</sup>		19,610.407		D					
Common Stock 04/15/202		1			S <sup>(1)</sup>		200		D	\$188.	188.395 <sup>(6)</sup>		19,410.407		D						
		Ta	ble	II - Derivati (e.g., pu												Owne	d				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Exe if ar	Deemed cution Date, ny nth/Day/Year)	4. Trans Code 8)		5. Num of Derive Secun Acqui (A) or Dispo of (D) (Instr. and 5	ative rities ired sed	Exp (Mo	oiration onth/Da	ay/Year)		7. Title and Amount of Securities Underlying Derivative Security (Ins 3 and 4)		Der Sec (Ins	rice of ivative urity tr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	y	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	

## **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 \$184.02 to \$184.90. 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 \$185.14 to 185.77. 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 \$186.28 to 187.10. 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.
- 5. This transaction was executed in multiple trades at prices ranging from \$187.31 to 188.30. 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.
- 6. This transaction was executed in multiple trades at prices ranging from \$188.38 to 188.40. 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, 04/16/2021 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.

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