Cł

FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C. 20549
-------------	------------

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

## ENT 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

Name and Address of Reporting Person*     Mora Elizabeth					2. Issuer Name and Ticker or Trading Symbol  MKS INSTRUMENTS INC [ MKSI ]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  X Director 10% Owner					
(Last)	(Fir	st) (MENTS, INC.	Middle)		3. Date of Earliest Transaction (Month/Day/Year) 03/01/2022  X Director Officer (give title below) below) Other (specific below)											· I			
2 TECH DRIVE, SUITE 201						4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)	ER M	A 0	1810												Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(St	ate) (Z	Zip)																
		Table	I - No	n-Deriva	tive S	Secui	rities	Acc	uired	, Dis	posed of	, or E	Benefic	cially	Own	ed			
1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day					Execution Date,			Transaction Disposed O		s Acquired (A) Of (D) (Instr. 3, 4		4 and Securi Benefi		cially I Following	Form (D) o	vnership n: Direct r Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership		
										v	Amount	(A) o (D)	Price	)	Transa	saction(s) r. 3 and 4)			(Instr. 4)
Common Stock 03/01/20					2022				<b>S</b> <sup>(1)</sup>		300	D	\$14	49.99 14,5		548.103		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)	ve Conversion Date Execution Date, or Exercise (Month/Day/Year) if any		Code ( 8)	ansaction of ode (Instr. Derivative		vative crities cired r osed ) r. 3, 4	6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Exercisable Expiration Date			7. Title and Amount of Securities Underlying Derivative Security (Inst 3 and 4)  Amount or Number of Title Shares		nt er		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.

/s/ M. Kathryn Rickards, 03/02/2022 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.