FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Washington,	D.C.	20549	

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

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

1. Name and Address of Reporting Person*  CANNONE PETER III					2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [ MKSI ]									ck all app	licable)	•				
(Last)	(Fi	rst) (M	Middle)		3. Date of Earliest Transaction (Month/Day/Year) 05/07/2024										Office below	er (give title v)		Other (s below)	specify	
C/O MKS INSTRUMENTS, INC. 2 TECH DRIVE, SUITE 201					4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)							Line)	-,						
(Street) ANDOVER MA 01810						X Form filed by One Reporting P Form filed by More than One R Person										•				
(City)	(St	ate) (Z	Zip)		Rule 10b5-1(c) Transaction Indication  Check this box to indicate that a transaction was made pursuant to satisfy the affirmative defense conditions of Rule 10b5-1(c). See I								to a con	a contract, instruction or written plan that is intended to struction 10.						
		Table	I - No	n-Deriva	tive S	Secui	rities	Acq	uired,	Dis	posed of	, or E	3ene	eficial	ly Own	ed				
1. Title of Security (Instr. 3)  2. Transact Date (Month/Date)				Execution Date		Date,	Transaction Dispos		Disposed C	urities Acquired (A sed Of (D) (Instr. 3,			5. Amo Securi Benefi Owned Report	ties cially I Following	6. Owner Form: Di (D) or Ind (I) (Instr.	rect direct 4)	7. Nature of Indirect Beneficial Ownership			
								Code	v	Amount	(A)	) or )	Price	Transa	ction(s) 3 and 4)			(Instr. 4)		
Common	Stock			05/07/2	2024			<b>A</b> <sup>(1)</sup>		1,621.797 A		A	(2)	7,132.741		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. Conversion Date Execution Date (Month/Day/Year)  Price of Derivative Security  3. Transaction Date Execution Date, if any (Month/Day/Year)				Transaction of Code (Instr. Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4)		D S (I	Price of erivative ecurity nstr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Owr Fori Dire or Ir (I) (I	nership n: oct (D) ndirect nstr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)				
					Code V		(A)	(D)	Date Exercis	able	Expiration Date	Title	Amo or Num of Shar	nber						

## **Explanation of Responses:**

- 1. These restricted stock units become fully vested on the day prior to the first annual meeting of shareholders following the date of grant (or if no such meeting is held within 13 months after the date of grant, on the 13 month anniversary of the date of grant).
- 2. Each restricted stock unit represents the contingent right to receive one share of common stock of MKS Instruments, Inc.

/s/ M. Kathryn Rickards, 05/08/2024 attorney-in-fact

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.