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

Name and Address of Reporting Person* Gitin Mark Milton					2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI]								(Checl	k all app Direc	cionship of Reportir all applicable) Director Officer (give title		rson(s) to Is 10% O Other (wner
(Last) (First) (Middle) C/O MKS INSTRUMENTS, INC. 2 TECH DRIVE, SUITE 201					3. Date of Earliest Transaction (Month/Day/Year) 04/13/2021								X	belov	below) SVP & GM, L8		below)	
(Street) ANDOVER	MA 0)1810 			4. If Amendment, Date of Original Filed (Month/Day/Year) 04/14/2021								6. Indi Line) X					
(5.9)	(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day				Execution I Year) if any					4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5)			4 and Secu		cially l Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
								Code	v	Amount	(A) o (D)	r Price	Trai		action(s) . 3 and 4)			(111511.4)
Common Stock 04/13/2				2021				F ⁽¹⁾		317(2)	D	\$18	6.52	4,733.054			D	
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																		
Security or Exercise (Instr. 3) Price of	Conversion or Exercise (Month/Day/Year) Execution Date, if any (Month/Day/Year) Derivative		Code (8)	Transaction Code (Instr.		mber rative rities ired r osed): 3, 4	6. Date	tion Day/\	Expiration	7. Title and Amount of Securities Underlying Derivative Security (Ins 3 and 4)		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.
- 2. The original Form 4 filed on April 14, 2021 (the "Original Form 4"), is hereby amended solely to correct an error in the number of shares of common stock of MKS Instruments, Inc. that were withheld from the reporting person for the payment of tax liabilities. Please note that the 70 additional shares that should have been reported as withheld for the payment of tax liabilities on the Original Form 4 were included in the reporting person's holdings in a subsequent Form 4 filed on April 21, 2021. The reporting person will exclude these shares from the reporting person's holdings in future filings.

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

04/22/2021

** Signature of Reporting Person

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.