## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549
washington,	D.C.	20040

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPRO	OVAL
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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).

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* <u>HANLEY PETER</u>				2. Issuer Name <b>and</b> Ticker or Trading Symbol MKS INSTRUMENTS INC [ MKSI ]									k all app	onship of Reporting F Il applicable) Director		Person(s) to Issuer 10% Owner			
(Last) 2 TECH	Last) (First) (Middle) TECH DRIVE, SUITE 201					3. Date of Earliest Transaction (Month/Day/Year) 09/06/2017									Office below	er (give title w)		Other ( below)	specify
(Street) ANDOV			01810 Zip)		4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									Form	r Joint/Group Filing (Check Applicable n filed by One Reporting Person n filed by More than One Reporting on			
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)				Execution Date,		n Date,	3. Transaction Code (Instr. 8) 4. Securit Disposed 5)					Securi Benefi	cially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)			
									Code	v	Amount	(A)	or F	rice	Transa	action(s) 3 and 4)			(msu. 4)
Common Stock 09/06/					/2017		S		300 D		D !	83.15	3,072.102		D				
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																		
Derivative Conversion Date Execution Date, or Exercise (Month/Day/Year) if any			Transaction Code (Instr. 8)		of Derive Secur Acqu (A) or Dispo of (D) (Instr	of Ex		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		Der Sed (Ins	rice of ivative urity tr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Own Forn Direc or In (I) (Ir	ership n: ct (D) direct nstr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				,	Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	Amou or Numb of Share	er					

**Explanation of Responses:** 

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

09/07/2017

\*\* 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.