FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Vashington, D.C. 20549

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

1. Name and Addre Lee John Tse			2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title Other (specify				
(Last) 2 TECH DRIV	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/10/2016	X Officer (give title Other (specify below) Sr. VP, Business Units				
(Street) ANDOVER MA (City) (State)		01810 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	Individual or Joint/Group Filing (Check Applicable Line) X 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								

4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 1. Title of Security (Instr. 3) 2. Transaction 2A. Deemed 5. Amount of 6. Ownership 7. Nature **Execution Date.** Transaction Securities Form: Direct of Indirect (Month/Day/Year) Code (Instr. Beneficially (D) or Indirect Beneficial 8) (I) (Instr. 4) (Month/Day/Year) Owned Following Ownership Reported (Instr. 4) (A) or (D) Transaction(s) Code Amount Price (Instr. 3 and 4) Common Stock 02/10/2016 M 4,304 Α (1) 4,980.287 D Common Stock (1) 02/10/2016 M 2,870 Α 7,850.287 D 02/10/2016 F⁽²⁾ 2.416 D \$32.7 D Common Stock 5,434.287 $S^{(2)}$ Common Stock 02/11/2016 861 D \$31.96 4,573.287 D **S**⁽²⁾ Common Stock 02/11/2016 574 D \$31.96 3,999.287 D

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

	(* 3)														
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Unit	(1)	02/10/2016		М			4,304	(3)	(3)	Common Stock	4,304	(1)	14,757.958	D	
Restricted Stock Unit	(1)	02/10/2016		М			2,870	(4)	(4)	Common Stock	2,870	(1)	17,944.68	D	

Explanation of Responses:

- 1. Each restricted stock unit represents the contingent right to receive one share of common stock of MKS Instruments, Inc.
- 2. This transaction was effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- 3. These RSUs are subject to the achievement of performance criteria determined in the first year of the grant and thereafter vest in equal annual installments over three years.
- 4. The RSUs vest in equal annual installments over three years from the respective original grant date.

<u>/s/Renee M. Donlan POA</u> <u>02/11/2016</u>

** 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.