UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL
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FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

								1	-				
1. Name and Address of Reporting Person [*] Lee John Tseng-Chung				2. Issuer Name and Ticker or Trading Symbol <u>MKS INSTRUMENTS INC</u> [MKSI]							tionship of Reporting all applicable) Director Officer (give title	10% C Other	Owner (specify
(Last) 2 TECH DRIVE	(First)	(Middle)		3. Date of Earliest Transaction (Month/Day/Year) 02/15/2017							below) Sr. VP	below)
(Street) ANDOVER	МА	01810	4.1	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 		
(City)	(State)	(Zip)											
		Table I - Nor	n-Derivativ	ive Se	ecurities Acqu	ired,	Disp	osed of, or	Benef	icially O	wned		
Date			2. Transactic Date (Month/Day/		2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (I 8)		4. Securities A Disposed Of (I	0) (Instr. 3		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	Amount	(A) or (D)	Price	(Instr. 3 and 4)				

		Code	V	Amount	(D)	Price	(
Common Stock	02/15/2017	М		3,780	A	(1)	8,880.753	D	
Common Stock	02/15/2017	М		3,073	A	(1)	11,953.753	D	
Common Stock	02/15/2017	М		5,217	A	(1)	17,170.753	D	
Common Stock	02/15/2017	М		4,013	A	(1)	21,183.753	D	
Common Stock	02/15/2017	F ⁽²⁾		6,449	D	\$67.7	14,734.753	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 or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code (8)				6. Date Exercisable and Expiration Date (Month/Day/Year)				8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(A) (D)		Expiration Date	Title	Amount or Number of Shares		Transaction(s) (Instr. 4)		
Restricted Stock Unit	(1)	02/15/2017		Α		11,078.287		(3)	(3)	Common Stock	11,078.287	(1)	37,849.307	D	
Restricted Stock Unit	(1)	02/15/2017		Α		7,385.524		(4)	(4)	Common Stock	7,385.524	(1)	29,323.321	D	
Restricted Stock Unit	(1)	02/15/2017		М			3,780	(5)	(5)	Common Stock	3,780	(1)	34,069.307	D	
Restricted Stock Unit	(1)	02/15/2017		М			3,073	(6)	(6)	Common Stock	3,073	(1)	26,250.321	D	
Restricted Stock Unit	(1)	02/15/2017		М			5,217	(7)	(7)	Common Stock	5,217	(1)	28,852.307	D	
Restricted Stock Unit	(1)	02/15/2017		М			4,013	(8)	(8)	Common Stock	4,013	(1)	22,237.321	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 grant and thereafter vest in three equal annual installments beginning on February 15, 2018, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.

4. These RSUs vest in three equal annual installments commencing on February 15, 2018, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.

5. These RSUs are subject to the achievement of performance criteria determined in the first year of grant and thereafter vest in three equal annual installments beginning on February 15, 2016, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.

6. These RSUs vest in three equal annual installments commencing on February 15, 2016, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day. 7. These RSUs are subject to the achievement of performance criteria determined in the first year of grant and thereafter vest in three equal annual installments beginning on February 15, 2017, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.

8. These RSUs vest in three equal annual installments commencing on February 15, 2017, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.

<u>/s/ M. Kathryn Rickards,</u> attorney-in-fact

02/16/2017

Date

** 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.