SEC Form 4	
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## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Section 16. Form 4 or Form 5 obligations may continue. <i>See</i> Instruction 1(b).		orm 5	obligations
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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

1. Name and Addi BERTUCCI		g Person <sup>*</sup>	2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>MKS INSTRUMENTS INC</u> [ MKSI ]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
				X Director 10% Owner
(Last) 2 TECH DRIV	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/10/2017	Officer (give title Other (specify below) below)
			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable
(Street)				Line)
ANDOVER	MA	01810		X Form filed by One Reporting Person
		01010		Form filed by More than One Reporting Person
(City)	(State)	(Zip)		

## Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code ( 8)	iction Instr.	4. Securities A Disposed Of ( 5)	Acquired D) (Instr.	(A) or 3, 4 and	5. Amount of Securities Beneficially Owned Following	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	Reported Transaction(s) (Instr. 3 and 4)			
Common Stock	05/10/2017		A <sup>(1)</sup>		1,988.812	A	(2)	77,522.102	D		
Common Stock								158,441	I	By Claire R. Bertucci 2016 Qualified Annuity Trust	
Common Stock								68,000	I	By Claire R. Bertucci 2016 Second Qualified Annuity Trust	
Common Stock								169,722	I	By John R. Bertucci 2016 Qualified Annuity Trust	
Common Stock								38,782	I	By John R. Bertucci 2016 Second Qualified Annuity Trust	
Common Stock								79,400	I	By Spouse	

## (e.g., puts, calls, warrants, options, convertible securities)

itle of 2. 3. Transaction Date Securiton Date, if any (Month/Day/Year) Price of Derivative Security	4. 5. Number Transaction of Code (Instr. 8) 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)
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		Та	ble II - Deriva (e.g., p					ired, Disp options, o	convertit		i or i	y Owned			
1. Title of Derivative	2. Conversion	3. Transaction	3A. Deemed Execution Date,	<b>C</b> ode Transa	V	ξΑ)Νι of	ım(160e)r	ExDectiesEbakero		7itītētle Amour	of aSolidiares tof	8. Price of Derivative	9. Number of derivative	10. Ownership	11. Nature of Indirect
Eseptangtion (Instr. 3) 1. These restring on the 13 mo	n of Elescises	etMonth/Dav/Year)	if any d (Month/Day/Year) d on the day prior to	Code (	Instr.	Deriv Secu Acqu		(Month/Day/) reholders follow	(ear)	Securi Under Deriva	ties ving or fi no such tive	Security (Instr. 5) meeting is h	Securities Beneficially Owned	Form: Direct (D) nths after the d or indirect	Beneficial Ownership are of grant, (Instr. 4)
			gent right to receive o				<b>osed</b> of	MKS Instrume		and 4)			, Following Reported   Transaction(s)	. (I) (Instr. 4) I	I
						(Inst and	r. 3, 4 5)			-	<u>thryn Ric</u> in-fact	<u>kards,</u>	(Ins⊷ ₄) 05/11/201	1 . <u>7</u> 1	
									**	Signatur	e of Repor	ing Person	Date		
Reminder: F	eport on a se	parate line for each	class of securities	benefic	cially ov	wned o	directly	or indirectly.							
			g person, see Insti												
** Intentiona	a misstatemer	ts or omissions of	acts constitute Fea	eral Cr	minal \	liolati	ns Se	18 U.S.C. 10	01 and 15	.S.C. 7	Amount				
Note: File th	ree copies of	this Form, one of w	hich must be manu	ally sig	hed. If	space	is insu	fficient, see Ir	struction 6 f	or proce	dNu0enber			lumbor	
Persons wi	no respond to	the conection of	information conta	Code	W <sup>IS IC</sup>	(A) <sup>a</sup>	(H)	Exercisable	Date	Title	Shares	iys a currer	itiy vand OMB i	umber.	