SEC Form 4	
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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject t Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

	ROVAL
OMB Number:	3235-0287
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1. Name and Addr	1 0	Person*	2. Issuer Name and 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) E	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/02/2018	Officer (give title Other (specify below) below)
(Street) ANDOVER	МА	01810	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. 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 - 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. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature o Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)
Common Stock	05/02/2018		G	v	60,996	D	\$0	0	I	By John R. Bertucci 2016 Qualified Annuity Trust ⁽¹⁾
Common Stock	05/02/2018		G	v	68,336	D	\$0	0	I	By Claire R. Bertucci 2016 Qualified Annuity Trust ⁽²⁾
Common Stock								197,248.102	D	
Common Stock								51,000	I	By Claire R. Bertucci 2016 Second Qualified Annuity Trust
Common Stock								27,782	I	By John R. Bertucci 2016 Second Qualified Annuity Trust
Common Stock								186,505	I	By Spouse
Table II -	Derivative Sec (e.g., puts, cal	curities Acqui ls, warrants, c	red, D option	ispo Is, co	sed of, or onvertible	Benef securi	icially C ties)	wned		

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, 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)

		Ta	ble II - Deriva (e.g., p					options,			lor				
1. Title of Derivative	2. Conversion	3. Transaction	3A. Deemed Execution Date.	C ode Transa	V	€A)Nu	m(100e)r	Date ExDectisEbler Expiration D	isΩaattlee and	Titletle Amour	aSolidiares	8. Price of Derivative	9. Number of derivative	10. Ownership	11. Nature of Indirect
Bepelantation	of Elespises	e (Month/Day/Year)	if any	Code (Instr.	Deriva		(Month/Day/	Year)	Securit	ties	Security	Securities	Form: Direct (D)	Beneficial
 The reporti were distribut 	ing person's 20: Derivative ted to the repor	16 Grantor Retained ting person and are re	Annuity Trust termina eported in this Form 4	ated. On as dire	May 2, the second se	Acqu	60,996 i red he repo	shares in this t orting person.			tive tive ty (Instr. 3			or indirect (I) (Instr. 4)	(Instr. 4)
2. The reporti	ing person's spo	use's 2016 Grantor F	Retained Annuity Trus	st termir	nated. O	n Dispo	15,00)18	8, 68,336 shares	s in this trust w	reand A)	ferred to th	e reporting pe	er Reported se's be		
remaining 19,	,355 shares wei	re distributed to the r	eporting person's spot	ise and	continue	(Instr.	. 3, 4	d in this Form 4		I	· · ·	I	i (Instr. 4)	1	
						and 5)			-	<u>thryn Ric</u> in fact	<u>ckards,</u> 1	05/04/201	8	
										<u>orney-</u> Signatur		ting Person	Date		
Reminder: R	eport on a se	parate line for each	class of securities	benefic	cially ov	vned d	irectly	or indirectly.		Jignatur					
* If the form	is filed by mo	re than one reportir	g person, <i>see</i> Instr	uction 4	(b)(v)						Amount				
** Intentiona	l misstatemer	ts or omissions of	acts constitute Fed	eral Cr	minal \	∕iolatio	ns See	e 18 U.S.C. 1	001 and 15 L	.S.C. 7	number				
			hich must be manu												
Persons wh	o respond to	the collection of	information conta	inedin	this fo	rffi ⁾ ar	e Wotr	equired to re	spond unle	ss the f	prindispla	ays a currer	tly valid OMB I	lumber.	