## ES SECUDITIES AND EXCHANCE COMMISSION UNITED STAT

		4	UNITE	D STA	ATES	S SECU				XCHAN	GE CC	OMMISS	SION					
Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).		Washington, D.C. 20549											OMB APPROVAL					
		STATEMENT OF CHANGES IN BENEFICIAL OWNERSHI												Number:	rage burden	3235-0287		
		Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934												per resp	-	0.5		
mondottoria	1(5).									npany Act of				<u> </u>				
		Reporting Person*				suer Name a							lationship of R ck all applicabl		Person	(s) to Issue	r	
<u>Burke Kathleen Flaherty</u>					MKS INSTRUMENTS INC [ MKSI ]								Director 10% Owner					
(Last) (First)			(Middle)	x									Officer (give title Other (specify below) below)					
(Last) (First) (Middle) C/O MKS INSTRUMENTS, INC.			(midule)			3. Date of Earliest Transaction (Month/Day/Year) 02/18/2020							Sr. VP, GC & Secretary					
2 TECH DR																		
					4 15	Amondmont	Doto of O		-ilod (I	Acath/Day/Ma	or)	6 10	lividual or lain	t/Croup [	-iling (C	book Appli		
(Street) ANDOVER MA 0			01810	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)	(5	State)	(Zip)															
			Table I - No	n-Deri	vativ	e Securit	ties Acq	uired	, Dis	posed of,	or Bene	eficially (	Owned					
1. Title of Security (Instr. 3)				action	Executi	2A. Deemed Execution Date, if any (Month/Day/Year)		ction	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 a			5. Amount Securities	of	6. Owr Form:	Direct	7. Nature of Indirect		
			(Month		Day/Yea						Instr.		Beneficially Following F	Reported	(D) or Indirect (I) (Instr. 4)		Beneficial Ownership	
								Code	v	Amount	(A) or (D)	Price	Transaction (Instr. 3 and				(Instr. 4)	
Common Stock			02/18	3/2020			М		1,564.654		(1)	30,494	.656		D			
Common Stock			02/18/2020		_			-	1,293.4	A	(1)	31,788.056		D				
Common Stock				02/18/2020		_			<u> </u>	1,071	A	(1)	32,859.056			D		
Common Sto				02/18/2020		_		M M	-	1,071	A	(1)		· ·		D		
						_			<u> </u>		_		- <u>-</u>	33,909.056				
Common Stock			02/18/2020			<u> </u>			1,290.83	A	(1)	35,199.886			D			
													_		<u> </u>	_		
Common Sto					8/2020	_		М		1,574.183	3 A	(1)	36,774		<u> </u>	D		
					3/2020 3/2020	_		M F <sup>(2)</sup>		1,574.183 2,467	B A D	(1) \$113.8			<u> </u>	D D		
Common Sto				02/18 Deriva	3/2020 ative	Securitie		F <sup>(2)</sup> ired, l		2,467	D r Benef	\$113.8	7 34,307		<u> </u>			
Common Sto		3. Transaction		02/18 Deriva (e.g.,	3/2020 ative puts,	Securitie	arrants,	F <sup>(2)</sup> ired, I optio	ns, c	2,467	D r Benef e securi	\$113.8	7 34,307 vned				11. Natur	
Common Sto Common Sto 1. Title of Derivative Security or F	onversion Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	02/18 Deriva (e.g.,   4. Transa Code	3/2020 ative puts, action	Securitie calls, wa 5. Number Derivative Acquired (	of Securities (A) or	F <sup>(2)</sup> ired, I optio 6. Dat Expira	ns, c	2,467 osed of, o onvertible	D r Benef e securi 7. Title an Securities Derivative	\$113.8 icially Ov ties) d Amount of Underlying Security	7 34,307 vned 8. Price of Derivative Security	9. Numb derivati Securiti	ber of ve	D 10. Ownershi Form:	p of Indirec Beneficia	
Common Sto Common Sto Derivative Security (Instr. 3)	onversion Exercise ice of privative	Date	3A. Deemed Execution Date,	02/18 Deriva (e.g.,   4. Transa Code	3/2020 ative puts, action	Securitie calls, wa	of Securities (A) or of (D)	F <sup>(2)</sup> ired, I optio 6. Dat Expira	ns, c e Exer	2,467 osed of, o onvertible	D r Benef e securi 7. Title an Securities	\$113.8 icially Ov ties) d Amount of Underlying Security	7 34,307 vned 8. Price of Derivative	9. Numb derivati Securiti Benefic Owned	ber of ve ies ially	D 10. Ownershi Form: Direct (D) or Indirect	p of Indirec Beneficia Ownershi t (Instr. 4)	
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/s/ M. Kathryn Rickards,

02/19/2020

attorney-in-fact

Date

\*\* Signature of Reporting Person

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

 $\ast$  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.