FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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

Check this box if no longer subject to 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

1. Name and Address of Reporting Person [*] <u>COLELLA GERARD G</u>					2. Issuer Name and Ticker or Trading Symbol <u>MKS INSTRUMENTS INC</u> [MKSI]							(Che	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title Other (specify below) below) VP, Chief Operating Officer				ner
(Last) (First) (Middle) 2 TECH DRIVE					3. Date of Earliest Transaction (Month/Day/Year) 02/23/2012							,					
(Street) ANDOVER MA 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)	(City) (State) (Zip)									r onn nie	u by word			ig i cioon			
			Table I - Non-	Deriva	ative	Securitie	s Ac	cquired, I	Disp	osed	of, or Be	eneficially	Owned				
1. Title of Security (Instr. 3) 2. Trans Date (Month/					2A. Deem Execution if any (Month/D	n Date	Code (Instr.			5. Amount of Securities Beneficially Owned Following Reported		Form:	Direct Indirect tr. 4)	7. Nature of ndirect Beneficial Dwnership Instr. 4)			
						Code	v	Amount	Amount (A) or (D) P		Transactio	Transaction(s) (Instr. 3 and 4)			insu. 4)		
			Table II - D (e					juired, Di s, option					wned		,		
Derivative Security	2. Conversion or Exercise Price of Derivative Security		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 Expiration Date (Month/Day/Year)			nd 7. Title and Amou Securities Under Derivative Securi (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Numbe derivative Securitie Beneficia Owned Following Reported Transacti	ve es ally Ig d	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	E) Di	xpiration ate	Title	Amount or Number of Shares		(Instr. 4)			
Restricted Stock Unit	(1)	02/23/2012		A		8,741.259		(2)		(2)	Common Stock	8,741.259	(1)	27,44	5.04	D	
Restricted Stock Unit	(1)	02/23/2012		A		13,111.888		(3)		(3)	Common Stock	13,111.88	3 (1)	40,12	9.56	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. The RSUs vest in equal annual installments over three years.

3. These RSUs are subject to the achievement of performance criteria determined in the first year of the grant and thereafter vests in equal annual installments over three years.

/s/Renee M. Donlan POA 02/24/2012

** 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.