COLELLA GERARD G

Form 4

February 17, 2011

FORM 4

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

OMB Number: 3235-0287

OMB APPROVAL

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
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Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

response...

5. Relationship of Reporting Person(s) to

burden hours per

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

COLELLA GERARD G			Symbol MKS INSTRUMENTS INC [MKSI]						Issuer			
(Last)	(First)	(Middle)	(Check all applicable) 3. Date of Earliest Transaction							;)		
2 TECH DRIVE			(Month/Day/Year) 02/16/2011						Director 10% Owner Sofficer (give title Other (specify below) UP, Chief Operating Officer			
	(Street)		4. If Ame	4. If Amendment, Date Original					6. Individual or Joint/Group Filing(Check			
ANDOVER	Filed(Month/Day/Year)						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								ly Owned	
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	ar) Execution	med on Date, if Day/Year)	3. Transac Code (Instr. 8	8)	4. Securin(A) or Di (Instr. 3,	spose 4 and (A) or	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
Common Stock	02/16/2011			M	•	823	A	\$ 20.02	848	D		
Common Stock	02/16/2011			S		823	D	\$ 30.22	25	D		
Common Stock	02/16/2011			M		436	A	\$ 18.44	461	D		
Common Stock	02/16/2011			S		436	D	\$ 30.22	25	D		
Common Stock	02/16/2011			M		375	A	\$ 18.12	400	D		

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Common 02/16/2011 S 30.29 25 375 D D Stock (1)

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

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(9-02)

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. Transactic Code (Instr. 8)	tionof Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 20.02	02/16/2011		M		823	10/15/2002(2)	10/15/2011	Common Stock	823
Stock Option (Right to Buy)	\$ 18.44	02/16/2011		M		436	06/24/2003(3)	06/24/2012	Common Stock	436
Stock Option (Right to Buy)	\$ 18.12	02/16/2011		M		375	05/29/2004(4)	05/29/2013	Common Stock	375

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting owner runner runners	Director	10% Owner	Officer	Other			
COLELLA GERARD G 2 TECH DRIVE ANDOVER, MA 01810			VP, Chief Operating Officer				

Reporting Owners 2

Signatures

/s/Renee M.
Donlan POA

02/17/2011

**Signature of Reporting Date

Explanation of Responses:

- * 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).
- This transaction was executed in multiple trades at prices ranging from \$30.28 to \$30.29. The price reported above reflects the weighted (1) average sale price. The reporting person hereby undertakes to provide, upon request, the full information regarding the number of shares and prices at which the transaction was effected.
- (2) Vests as follows: 33 1/3 after the first year and each successive 12 month period thereafter.
- (3) Vests 100% one year after grant
- (4) 25% after first year, 6.25% each quarter thereafter total 4 years.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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