COLELLA GERARD G

Form 4 March 31, 2011

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

Form 4 or Form 5 obligations **SECURITIES**

Estimated average burden hours per response...

may continue. See Instruction

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

0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * COLELLA GERARD G			2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI]					5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle)								(Check all applicable)			
2 TECH DI	3. Date of Earliest Transaction (Month/Day/Year) 03/30/2011					Director 10% Owner X_ Officer (give title Other (specify below)					
(Street)			4. If Amendment, Date Original					6. Individual or Joint/Group Filing(Check			
ANDOVE		Filed(Moi	nth/Day/Yea	r)			Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)	Executio any	med on Date, if Day/Year)	Code (Instr. 8)	4. Securit or(A) or Di (Instr. 3,	sposed 4 and 3 (A) or	of (D) 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	03/30/2011			Code V M	Amount 28,000	(D)	Price \$ 27.11	39,600.272	D		
Common Stock	03/30/2011			S(1)	28,000	D	\$ 33	11,600.272	D		

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

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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. Transactio Code (Instr. 8)	5. Number of or 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 o Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (Right to Buy)	\$ 27.11	03/30/2011		M		28,000	11/11/2004(2)	11/13/2013	Common Stock	28,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

COLELLA GERARD G 2 TECH DRIVE

ANDOVER, MA 01810

VP, Chief Operating Officer

Signatures

/s/Renee M.
Donlan POA

03/31/2011

**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).
- (1) This transaction was effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- (2) 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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