#### KLIMM ROBERT L

Form 4

February 16, 2007

## FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

0.5

**OMB APPROVAL** 

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

burden hours per response...

Estimated average

*See* Instruction 1(b).

Common

Common

02/15/2007

02/15/2007

(Print or Type Responses)

1. Name and A	2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI]					5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)					
(Last)	(First) (	Middle)	3. Date of Earliest Transaction (Month/Day/Year)			Director		Owner			
90 INDUST	TRIAL WAY		02/15/2	-	,				X_ Officer (give below)		er (specify
	(Street)		4. If Ame Filed(Mor			te Original	1		6. Individual or Jo Applicable Line) _X_ Form filed by	One Reporting Pe	rson
WILMING	TON, MA 01887								Form filed by M Person	More than One Re	porting
(City)	(State)	(Zip)	Tabl	le I - Non	ı-D	erivative :	Secur	ities Acqı	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution		3. Transac Code (Instr. 8		4. Securi n(A) or Di (Instr. 3,	ispose 4 and (A)	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common	02/15/2007			M(1)		7,500	A	\$ 17.25	17,500.38	D	
Common	02/15/2007			S <u>(1)</u>		7,500	D	\$ 23.9	10,000.38	D	
Common	02/15/2007			M(1)		7,500	A	\$ 17.25	17,500.38	D	
Common	02/15/2007			S <u>(1)</u>		7,500	D	\$ 24.4	10,000.38	D	
Common	02/15/2007			$M_{\underline{1}}$		356	A	\$ 17.6	10,356.38	D	

 $S^{(1)}$ 

 $M_{\underline{-}1}^{(1)}$ 

356

4,875

D

A

24.92

10,000.38

14,875.38

D

D

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					\$ 18.12		
Common	02/15/2007	S <u>(1)</u>	4,875	D	\$ 24.92	10,000.38	D
Common	02/15/2007	M(1)	457	A		10,457.38	D
Common	02/15/2007	S <u>(1)</u>	457	D	\$ 24.92	10,000.38	D
Common	02/15/2007	M(1)	863	A	\$ 20.02	10,863.38	D
Common	02/15/2007	S <u>(1)</u>	863	D	\$ 24.92	10,000.38	D

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

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 control number.

SEC 1474

(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. Transactio Code (Instr. 8)	5. Number omf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Date (Month/Day/Year	-	7. Title and A Underlying S (Instr. 3 and	Securitie
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Shares
Stock Option (right to buy)	(2)	02/15/2007		M <u>(1)</u>	7,500	08/08/1988(3)	08/08/1988(4)	Common	7,50
Stock Option (right to buy)	<u>(2)</u>	02/15/2007		M <u>(1)</u>	7,500	08/08/1988(3)	08/08/1988(4)	Common	7,50
Stock Option (right to buy)	<u>(5)</u>	02/15/2007		M <u>(1)</u>	356	08/08/1988(3)	08/08/1988(4)	Common	356

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Stock Option (right to buy)	(6)	02/15/2007	M <u>(1)</u>	4,875	08/08/1988(3)	08/08/1988(4)	Common	4,87
Stock Option (right to buy)	<u>(7)</u>	02/15/2007	M(1)	457	08/08/1988(3)	08/08/1988(4)	Common	457
Stock Option (right to buy)	(8)	02/15/2007	M <u>(1)</u>	863	08/08/1988(3)	08/08/1988(4)	Common	863

## **Reporting Owners**

Reporting Owner Name / Address		Relationships		
	Director	10% Owner	Officer	Other

KLIMM ROBERT L 90 INDUSTRIAL WAY WILMINGTON, MA 01887

V.P. & General Manager

## **Signatures**

By: Joseph M.Tocci / POA 02/16/2007

\*\*Signature of Reporting Date
Person

## **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) The transactions reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- (2) Option conversion price is \$17.25 per share for option transactions reported on this filing.
- (3) Stock Option Grants include multiple vest dates.
- (4) Expires 10 years after date of grant
- (5) Option conversion price is \$17.60 per share for option transactions reported on this filing.
- (6) Option conversion price is \$18.12 per share for option transactions reported on this filing.
- (7) Option conversion price is \$18.44 per share for option transactions reported on this filing.
- (8) Option conversion price is \$20.02 per share for option transactions reported on this filing.

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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