KLIMM ROBERT L

Check this box

if no longer

subject to

Section 16.

Form 4

February 21, 2006

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

OMB APPROVAL OMB 3235-0287 Number:

Expires:

January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

(Instr. 3 and 4)

D

D

D

D

16,681

16,681

16,681

16,681

30(h) of the Investment Company Act of 1940

See Instruction

1(b).

Common

Common

Common

Common

02/16/2006

02/16/2006

02/16/2006

02/16/2006

(Print or Type Responses)

may continue.

| 1. Name and A | Address of Reporting l OBERT L | Symbol | 2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI] | | 5. Relationship of Reporting Person(s) to Issuer | | |
|--------------------------------------|---|---|---|--------------------|--|---|--|
| (Last) | (First) (N | Middle) 3. Date | of Earliest Transaction | (Che | (Check all applicable) | | |
| ` , | , , | , | /Day/Year) | Director | 10% | Owner | |
| 90 INDUS | ΓRIAL WAY | 02/16/2 | • | X_ Officer (gives) | X Officer (give title Other (specify | | |
| | (Street) | 4. If Am | nendment, Date Original | 6. Individual or . | 6. Individual or Joint/Group Filing(Check | | |
| WILMING | TON, MA 01887 | Filed(Mo | Filed(Month/Day/Year) | | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | |
| (City) | (State) | (Zip) Tal | ble I - Non-Derivative Securities | Acquired, Disposed | of, or Beneficial | ly Owned | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | Code (Instr. 3, 4 and 5) | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |

Code V Amount

3,937

457

3,106

7,500

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

 $M_{\underline{1}}$

 $M^{(1)}$

 $S^{(1)}$

(D)

A

Price

10.86

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

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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. Transactic Code (Instr. 8) | 5. Number on 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 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) | \$ 10.86 | 02/16/2006 | | M(1) | 3,937 | 08/08/1988 | 08/08/1988 | Common | 3,937 |
| Stock Option (right to buy) | \$ 12.97 | 02/16/2006 | | M(1) | 457 | 02/07/2003 | 08/08/1988 | Common | 457 |
| Stock Option (right to buy) | \$ 14.72 | 02/16/2006 | | M(1) | 3,106 | 07/30/2004 | 08/08/1988 | Common | 3,106 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--------------------------------|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| KLIMM ROBERT L | | | | |

90 INDUSTRIAL WAY WILMINGTON, MA 01887 VP and GM

Signatures

/s/ Joseph M. 02/21/2006 Tocci

**Signature of
Reporting Person

Date

Reporting Owners 2

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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. Stock Option Grants included multiple vet dates.

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.