BERLINGHIERI LEO

Form 4/A January 03, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations 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

(Print or Type Responses)

1(b).

| 1. Name and Address of Reporting Person * BERLINGHIERI LEO | | | 2. Issuer Name and Ticker or Trading Symbol | | | | 5. Relationship of Reporting Person(s) to Issuer | | | | |
|--|-------------------|---|--|-----------------------|---------------|------------|--|---|----------------------------|----------------------|--|
| | | | MKS IN | ISTRUM | ENTS IN | C [M | IKSI] | (Chec | ck all applicable | e) | |
| (Last) | (First) | (Middle) | 3. Date of | Earliest Tra | ansaction | | | | | | |
| | | | (Month/Day/Year) | | | | | _X_ Director | | Owner | |
| 2 TECH DRIVE | | | 04/26/2010 | | | | | X Officer (give title Other (specify below) | | | |
| | | | | | | | | · · · · · · · · · · · · · · · · · · · | sident and CEO | | |
| F 0 | | | 4. If Amendment, Date Original | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) | | | |
| | | | Filed(Mon | Filed(Month/Day/Year) | | | | | | | |
| | | | 04/28/2010 | | | | | _X_ Form filed by One Reporting Person Form filed by More than One Reporting | | | |
| ANDOVER, MA 01810 | | | | | | | Person | | | | |
| (City) | (State) | (Zip) | Table | e I - Non-D | erivative S | ecuri | ties Acq | uired, Disposed o | f, or Beneficial | ly Owned | |
| 1.Title of | 2. Transaction Da | te 2A. Dee | med | 3. | 4. Securiti | ies Ac | quired | 5. Amount of | 6. Ownership | 7. Nature of | |
| · · · · · · · · · · · · · · · · · · · | | on Date, if Transaction(A) or Disposed of (D) | | | | Securities | Form: Direct | Indirect | | | |
| (Instr. 3) | | any | D/W | Code | (Instr. 3, 4 | and 5 | 5) | Beneficially Owned | (D) or | Beneficial | |
| | | (MOIIII) | Day/Year) | (Instr. 8) | | | | Following | Indirect (I) (Instr. 4) | Ownership (Instr. 4) | |
| | | | | | | (4) | | Reported | (11101111) | (1110117-1) | |
| | | | | | | (A) | | Transaction(s) | | | |
| | | | | Code V | Amount | (D) | Price | (Instr. 3 and 4) | | | |
| Common Stock | 04/26/2010 | | | S | 46,903 (1) | D | \$ 23.5 | 35,013 | D | | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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| 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. onNumber of Derivative Securities Acquired (A) or Disposed of (D) | | ate | 7. Title Amoun Underly Securiti (Instr. 3 | t of ying es | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr |
|---|---|--------------------------------------|---|--|---|---------------------|--------------------|---|--|---|--|
| | | | | Code V | (Instr. 3, 4, and 5) (A) (D) | Date Exercisable | Expiration Date | Title N | Amount or Number of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | | |
|---|---------------|-----------|-------------------|-------|--|--|--|--|
| reporting owner runner runners | Director | 10% Owner | Officer | Other | | | | |
| BERLINGHIERI LEO 2 TECH DRIVE ANDOVER, MA 01810 | X | | President and CEO | | | | | |

Signatures

Person

/s/Renee M.
Donlan POA

**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) The amount of the sale was mistakenly reported as 45,800 shares in the original Form 4. Total beneficial ownership in the 2 subsequent Form 4s should be reduced by 1,103 shares.

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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