

BERLINGHIERI LEO
Form 4
March 12, 2010

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person *
BERLINGHIERI LEO

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)
2 TECH DRIVE

(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
03/10/2010

Director 10% Owner
 Officer (give title below) Other (specify below)
President and CEO

ANDOVER, MA 01810

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	03/10/2010		M	6,038	A \$ 0	44,320	D
Common Stock	03/10/2010		M	8,700	A \$ 0	53,020	D
Common Stock	03/10/2010		F ⁽¹⁾	4,681	D \$ 19.07	48,339	D

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

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number.

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. Transaction Code (Instr. 8)	5. Number of 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)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
Restricted Stock Unit	(2)	03/10/2010		M	6,038	(3) (3)	Common Stock	6,038
Restricted Stock Unit	(2)	03/10/2010		M	8,700	(4) (5)	Common Stock	8,700

Reporting Owners

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

Signatures

/s/Renee M.
Donlan POA

03/12/2010

**Signature of Reporting Person

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 to satisfy tax withholding obligations.
- (2) Each restricted stock unit represents the contingent right to receive one share of common stock of MKS Instruments, Inc.
- (3) These RSUs are subject to the achievement of performance criteria determined in the first year of the grant and thereafter vests in equal annual installments over three years.
- (4) The RSUs vest in equal annual installments over three years.
- (5) The RSUs vest in equal annual installments over three years.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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