FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL									
OMB Number:	3235-02								

Estimated average burden hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*				2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
BERLINGHIERI LEO				into into into into into into into into							Director	10% C	Owner		
(Last) (First) (Middle)					of Earliest Trans	action (Month	n/Day/Year)	X	Officer (give title below)	Other below)	(specify			
2 TECH DRIVE				02/17/2012							President and CEO				
(Street)					nendment, Date o	f Origin	al File	d (Month/Day	6. Indiv Line)	6. Individual or Joint/Group Filing (Check Applicable Line)					
ANDOVER	MA	01810								X	Form filed by One	Reporting Pers	on		
(City)	(State)	(Zip)								Form filed by More than One Reporting Person					
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned															
		2. Transaction Date (Month/Day/Ye	ear) E	A. Deemed execution Date, any Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Disposed Of			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
				Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(111511.4)				
Common Stock			02/17/201	12		M		5,400	A	\$29.93	42,337	D			
Common Stock			02/17/201	12		S		3,200	D	\$32.048(1)	39,137	D			
Common Stock			02/17/201	12		M		3,200	A	\$27.11	42,337	D			
Common Stock			02/17/201	2		S		5,400	D	\$32.038(2)	36,937	D			

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. Transa Code (8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to Buy)	\$29.93	02/17/2012		M			5,400	01/05/2005 ⁽³⁾	01/06/2014	Common Stock	5,400	\$0	9,600	D	
Stock Option (Right to Buy)	\$27.11	02/17/2012		M			3,200	11/11/2004 ⁽⁴⁾	11/11/2013	Common Stock	3,200	\$0	31,800	D	

Explanation of Responses:

1. This transaction was executed in multiple trades at prices ranging from \$32.00 to \$32.12 The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide, upon request, the full information regarding the number of shares and prices at which the transaction was effected.

3. Vests 100% one year after grant

4. 25% after first year, 6.25% each quarter thereafter - total 4 years.

/s/Renee M. Donlan POA 02/21/2012

** Signature of Reporting Person Date

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

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

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

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 Number.

^{2.} This transaction was executed in multiple trades at prices ranging from \$32.00 to \$32.12 The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide, upon request, the full information regarding the number of shares and prices at which the transaction was effected.

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).