FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average burden									
hours per response:	0.5								

1. Name and Address of Reporting Person* <u>Lee John Tseng-Chung</u>						2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI]											all appli Directo	cable) or		Person(s) to Issuer 10% Owner	
(Last) 2 TECH	,	First)	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 03/04/2013											Officer (give title below) Sr. VP, HPS, Controls & PFMC				
(Street) ANDOV (City)			01810 (Zip)		4. If Amendment, Date of Original Filed (Month/Day/Year)										. Indivine)	Form f	ual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person				
(Oity)	(0		le I - No	n-Deriv	ative	- Se	curit	ies Ac	ani	red.	Dis	nosed (of. o	r Bei	nefici	allv	Owner	<u> </u>			
1. Title of Security (Instr. 3) 2. Trai				2. Trans	action	ar)	2A. Deemed Execution Date,		3. Transaction Code (Instr.		4. Securities Acquired (A)			d (A) or	or 5. Amo 4 and Securit Benefic Owned		int of es ially Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership	
									c	Code	v	Amount	Amount		Price		Reporte Transac (Instr. 3	ction(s)			(Instr. 4)
Common Stock				03/04	4/2013					М		2,813	3	A	(1	.)	7,6	74.47		D	
Common Stock (03/04	/2013					M		2,084	4	A	(1	.)	9,7	758.47		D	
Common Stock 03/04				1/2013	3				F ⁽²⁾		1,598	8	D	\$26	.96	8,160.47		D			
		٦	able II -									osed of onverti					wned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deem Execution if any (Month/Da	Date,	4. Transaction Code (Instr 8)		n of		Expi	ate Exe iration nth/Day	Date		7. Title and Amount of Securities Underlying Derivative Secu (Instr. 3 and 4)		l Security	De Se (Ir	3. Price of Derivative Security Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	is illy	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exer	e rcisable		xpiration ate	Title		Amoun or Numbe of Shares						
Restricted Stock Unit	(1)	03/04/2013			M			2,813		(3)		(3)	Com		2,813		(1)	11,508.5	66	D	
Restricted	(1)	03/04/2013			M			2,084		(4)	T	(4)	Com	mon	2.084		(1)	14,047.6	41	D	

Explanation of Responses:

Stock Unit

- 1. Each restricted stock unit represents the contingent right to receive one share of common stock of MKS Instruments, Inc.
- $2. \ This \ transaction \ was \ effected \ pursuant \ to \ a \ Rule \ 10b5-1 \ trading \ plan \ previously \ adopted \ by \ the \ reporting \ person.$
- 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.

03/05/2013 /s/Renee M. Donlan POA

** Signature of Reporting Person

Stock

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

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.