FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

3235-0287 Estimated average burden hours per response: 0.5

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

Name and Address of Reporting Person* WEIGNER RONALD						2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI]										eck all appoints	ationship of Reporting (all applicable) Director Officer (give title		g Person(s) to Issi 10% Ov Other (s		wner	
(Last) 90 INDU	STRIAL	(First) WAY		(Middle)		3. Date of Earliest Transaction (Month/Day/Year) 09/20/2006										belo	below) below) V.P. & Chief Financial Officer					
	IGTON 1			01887	- 4. -	4. If Amendment, Date of Original Filed (Month/Day/Year)								Line	ndividual or Joint/Group Filing (Check Applicable e) X Form filed by One Reporting Person Form filed by More than One Reporting Person							
(City)		(State)		ble I - No	n-Deri	ivativ	ve Se	curi	ities A	Acqu	uired, l	Disp	osed of	, or B	ene	ficiall	y Owne	ed				
1. Title of Security (Instr. 3)			2. Transaction Date (Month/Day/Year)			2A. Deemed Execution Date, if any (Month/Day/Year		,	Code (Instr.		4. Securities Acquired (A) Disposed Of (D) (Instr. 3,		(A) or 3, 4 and	5) Secur Benef Owne	5. Amount of Securities Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership			
									Code	v	Amount	(A) or (D) Pri		Price	Trans	Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)		
Common				09/2	/20/2006					M ⁽¹⁾		2,770	I	1	\$4.43	3	12,771		D			
Common 09				09/2	20/20	0/2006				S ⁽¹⁾		2,770	I)	\$20.4	20.41		10,001		D		
				Table II -									sed of, onvertib				Owned	l				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	Date	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution D if any (Month/Day	Date,	4. Transa Code (8)		of E		Exp	Date Exercisabl piration Date lonth/Day/Year)		le and	7. Title and Amount of Securities Underlying Derivative Sec (Instr. 3 and 4)		14)	8. Price Derivati Security (Instr. 5)	ve /	9. Numbe derivative Securities Beneficial Owned Following Reported Transactie (Instr. 4)	e s lly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
						Code	v	(A)	(D)	Date Exe	e rcisable	Ex Da	piration te	Title		Amount or Number of Shares						
Stock Option (right to	(2)	09/2	20/2006			M ⁽¹⁾			2,770	08/0	08/1988 ⁽³⁾	08	/08/1988 ⁽⁴⁾	Comm	ion	2,770	\$0		294,19)7	D	

Explanation of Responses:

- 1. The transactions reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- 2. Option conversion price \$4.43 for option transactions reported on this filing.
- 3. Stock Option Grants include multiple vest dates.
- 4. Expires 10 years after date of grant

Remarks:

By: Joseph M.Tocci / POA ** Signature of Reporting Person

09/20/2006 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.