

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
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1. Name and Address of Reporting Person* STEWART WILLIAM D			2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) V.P. & General Manager		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/05/2004			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
SIX SHATTUCK ROAD			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) ANDOVER MA 018102449								
(City) (State) (Zip)								

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common	01/05/2004		x		30,000	A	\$0	32,300	D	
Common	01/05/2004		s		30,000	D	\$29.5	2,300	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. 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 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	01/05/2004		A		6,000		01/05/2005	01/06/2014	Common	6,000	\$0	6,000	D	
Stock Option (right to buy)	\$0.00	01/05/2004		X		30,000		08/08/1988	08/08/1988	Common	30,000	(1)	274,016	D	
Stock Option (right to buy)	\$27.11							08/08/1988	11/13/2013	Common	24,000		24,000	D	
Stock Option (right to buy)	\$16.88							08/08/1988	11/22/2012	Common	30,000		30,000	D	
Stock Option (right to Buy)	\$12.97							08/08/1988	08/08/1988	Common	490		490	D	
Stock Option (Right to Buy)	\$17.6							08/08/1988	07/01/2013	Common	381		381	D	

Explanation of Responses:

1. Option conversion price \$4.43 for option transactions reported on this filing.

By: Joseph M. Tocci / POA 01/06/2004
 ** 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).

** 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.