Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

ington, D.C. 20049	OMB APPRO

<b>STATEMENT</b>	<b>OF CHANGE</b>	ES IN BENE	EFICIAL (	<b>WNERS</b>	HIP

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*  BEECHER GREGORY R				2. Issuer Name <b>and</b> Ticker or Trading Symbol  MKS INSTRUMENTS INC [ MKSI ]							(Ch	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
DEECHER GREGORT R													X Directo	r		10% Ov	vner	
(Last)	,	*	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 08/01/2006								Officer below)	(give title		Other (s below)	pecify
90 INDUSTRIAL WAY					$\vdash$													
	4. If Ame					If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)													- 1	,	led by One	Reno	orting Person	,
WILMIN	NGTON N	/IA	01887									X Form filed by One Reporting Person  Form filed by More than One Reporting Person						
(City)	(:	State)	(Zip)											reisui	ı			
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
		2. Trans Date (Month/	n/Day/Year) i		2A. Deemed Execution Date, if any (Month/Day/Year)		Code (Instr. 5)		d (A) or r. 3, 4 and		es Form ally (D) o Following (I) (In		: Direct r Indirect str. 4)	7. Nature of Indirect Beneficial Ownership				
								Code V	Am	ount	(A) or (D)	Price	Reported Transact (Instr. 3	tion(s)			(Instr. 4)	
	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	se (Month/Day/Year)	3A. Deemed Execution Da if any (Month/Day/Y	ate, T	ransa Code (I	ansaction of De Se Ac (A) Dis		es d	Expiration Da	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title an of Securiti Underlying Derivative (Instr. 3 ar	ies g Security	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	e s Illy	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership t (Instr. 4)
					Code	v	(A)	(D)	Date Exercisable	Expira Date	ation	Title	Amount or Number of Shares					
Director Stock Option (Right to	\$20.05	08/01/2006			A		20,000		08/01/2009 <sup>(1)</sup>	08/01	/2016	Common	20,000	\$0	20,00	0	D	

## Explanation of Responses:

1. Shares become vested in equal, quarterly installments over three years.

## Remarks:

By: Joseph M.Tocci / POA

08/02/2006

\*\* Signature of Reporting Person

son 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.