MATERION Corp Form 4 March 10, 2014

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

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Form filed by More than One Reporting

Person

Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

REDDY N MOHAN			2. Issuer Name and Ticker or Trading Symbol	S. Relationship of Reporting Person(s) t Issuer			
			MATERION Corp [MTRN]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	X Director 10% Owner			
6070 PARKLAND BLVD.			03/06/2014	Officer (give title below) Other (speci-			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person			

MAYFIELD HTS., OH 44124

(City)	(State) (Zip) Table	e I - Non-D	erivative	Secur	ities Acqu	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securi n(A) or Di (Instr. 3,	(A) or	d of (D)	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)
Common stock	03/06/2014		A	7 (1)	A	\$ 34.13	14,611	D	
Common stock	03/06/2014		A	47.95	A	\$ 33.16	19,925.73	I	See footnote (2)

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title o	of 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivativ	ve Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									mount		
						Date	Expiration	O:			
						Exercisable	e Date	Title Num of	lumber		
				C-J- V	(A) (D)						
				Code v	(A) (D)			3	hares		

Reporting Owners

	Relationships
Reporting Owner Name / Address	-

Director 10% Owner Officer Other

REDDY N MOHAN 6070 PARKLAND BLVD. X MAYFIELD HTS., OH 44124

Signatures

Susan J.

MacDonald 03/10/2014

**Signature of Person Date

Reporting Person

Explanation of Responses:

- * 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).
- (1) Reflects dividend equivalents acquired under the dividend equivalent feature of the Issuer's 2006 Non-employee Director Plan ("2006 Plan")
- (2) Acquired and held by trust for the Materion Corporation Deferred Compensation Plans.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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