PETERS CHARLES A
Form 4
December 31, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
PETERS CHARLES A

(Last) (First) (Middle)

C/O EMERSON ELECTRIC CO., 8000 W. FLORISSANT AVE.

(Street)

ST. LOUIS, MO 63136

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
EMERSON ELECTRIC CO [EMR]

3. Date of Earliest Transaction (Month/Day/Year)
12/27/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Sr. Exec. VP

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

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 Stock	12/27/2012		M[1]		80,000 [1]	A	$ 30.025	754,940	D	
Common Stock	12/27/2012		F[2]		13,318 [2]	D	$ 52.47	741,622	D	
Common Stock								7,868.522	I	401(k) plan
Common Stock								10,168.463	I	401(k) excess plan

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 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 Underlying Securiti (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sh
Employee Stock Option (Right to Buy)	$ 30.025	12/27/2012		M[(1)]			80,000 [(1)]	02/19/2010[(3)]	02/19/2019	Common Stock	80,0

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
PETERS CHARLES A C/O EMERSON ELECTRIC CO. 8000 W. FLORISSANT AVE. ST. LOUIS, MO 63136	X		Sr. Exec. VP	

Signatures

/s/ Timothy G. Westman, Attorney-in-Fact for Charles A. Peters	12/31/2012
**Signature of Reporting Person	Date

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) Exercise of 6,660 incentive stock options and 73,340 non-qualified stock options exempt under Rule 16b-3.

(2) Shares withheld for taxes exempt under Rule 16b-3 resulting from non-qualified stock option exercise.

(3) The options vested in three equal annual installments beginning on the date indicated.

(4) Price is not applicable to stock options received as incentive compensation.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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Explanation of Responses: