

MIDDLETON PAUL B
Form 4
May 10, 2011

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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).

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
MIDDLETON PAUL B

(Last) (First) (Middle)

C/O ROGERS CORPORATION, ONE TECHNOLOGY DRIVE PO BOX 188

(Street)

ROGERS, CT 06263-0188

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
ROGERS CORP [ROG]

3. Date of Earliest Transaction (Month/Day/Year)
05/06/2011

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
Corporate Treasurer

6. Individual or Joint/Group Filing(Check Applicable Line)
 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)
				(A) or (D)	Price		
				Code	V	Amount	
Capital (Common) Stock	05/06/2011		M		12,000	A	\$ 34.83 12,000.413 D
Capital (Common) Stock	05/06/2011		S		11,199	D	\$ 46.5 801.413 D
Capital (Common) Stock	05/06/2011		S		401	D	\$ 46.51 400.413 D

Capital (Common) Stock	05/06/2011		S	300	D	\$ 46.54	100.413	D
Capital (Common) Stock	05/06/2011		S	100	D	\$ 46.56	0.413	D <u>(1)</u>

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

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 control number.

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(9-02)

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 Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 34.83	05/06/2011		M	12,000	04/28/2005	04/28/2015	Capital (Common) Stock	12,000

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
MIDDLETON PAUL B C/O ROGERS CORPORATION ONE TECHNOLOGY DRIVE PO BOX 188 ROGERS, CT 06263-0188	Corporate Treasurer

Signatures

Alice R. Tetreault as Power of Attorney 05/09/2011

 **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) Mr. Middleton also indirectly owns 633.7548 shares of Rogers Corporation Capital (Common) Stock through the Company's 401(k) plan.

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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