Gliebe Mark Joseph
Form 4
May 06, 2011

FORM 4

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

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
OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *
Gliebe Mark Joseph
(Last) (First) (Middle)
200 STATE STREET
(Street)
BELOIT, WI 53511
(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
REGAL BELOIT CORP [RBC]

3. Date of Earliest Transaction (Month/Day/Year)
05/04/2011

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)
President & CEO

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								748 (1)	I	Retirement Savings Plan (1)
Common Stock								31,069	D	
Common Stock	05/04/2011		A		16,800 (2)	A	$ 0	47,869	D	

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

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SEC 1474 (9-02)

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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 Ar Underlying Sec (Instr. 3 and 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Options	$ 29							01/03/2006(3)	01/03/2015	Common Stock
Non-Qualified Stock Options	$ 36.36							01/27/2007(3)	01/27/2016	Common Stock
Stock Appreciation Rights	$ 48.05							02/06/2009(4)	02/06/2017	Common Stock
Stock Appreciation Rights	$ 42.28							05/02/2010(5)	05/02/2018	Common Stock
Stock Appreciation Rights	$ 42.65							05/08/2011(5)	05/08/2019	Common Stock
Stock Appreciation Rights	$ 61.36							05/05/2012(5)	05/05/2020	Common Stock
Stock Appreciation Rights	$ 72.29	05/04/2011		A		65,000		05/04/2013	05/04/2021	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Gliebe Mark Joseph 200 STATE STREET BELOIT, WI 53511	X		President & CEO	

Signatures

/s/ Peter C. Underwood as Power of Attorney	05/06/2011
**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) Balance reflects the most current data available with regard to holdings in the Regal-Beloit Corporation Retirement Savings Plan.

(2) Restricted Stock Units (RSUs) granted to the reporting person under the 2003 Equity Incentive Plan. RSUs vest 100% on the third anniversary date of the grant. Each RSU is equal to one share of Common Stock and is payable only in stock.

(3) Grant to reporting person of option to buy shares of common stock under the 2003 Equity Incentive Plan. The option vests and becomes exercisable 40% on the second anniversary of the date of grant, 60% on third anniversary, 80% on fourth anniversary and 100% on fifth anniversary.

(4) Granted as stock-settled Stock Appreciation Rights (SARs) under the 2003 Equity Incentive Plan. The SARs vest and become exercisable 40% on the second anniversary of the date of grant, 60% on third anniversary, 80% on fourth anniversary and 100% on fifth anniversary.

(5) Granted as stock-settled SARs under the 2007 Equity Incentive Plan. The SARs vest and become exercisable 40% on the second anniversary of the date of grant, 60% on third anniversary, 80% on fourth anniversary and 100% on fifth anniversary.

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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