Barta David Alan Form 4 February 09, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

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

obligations

may continue.

See Instruction

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

1(b).

(Print or Type Responses)

1. Name and A Barta David	Symbol	2. Issuer Name and Ticker or Trading Symbol REGAL BELOIT CORP [RBC]			5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First) (N	fiddle) 3. Date o	f Earliest Tr	ansaction			(Cnec	k all applicable)
200 STATE	STREET	(Month/I 02/08/2	Day/Year) 010				DirectorX Officer (give below) Vice		Owner or (specify
	(Street)		endment, Da nth/Day/Year	Č	l		6. Individual or Jo Applicable Line) _X_ Form filed by 0		
BELOIT, W					Form filed by More than One Reporting Person				
(City)	(State) ((Zip) Tab	le I - Non-D	erivative	Secur	ities Acq	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. Transaction Code (Instr. 8)	(Instr. 3,	ispose	d of (D) 5) Price	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	02/08/2010		F	1,273	D	\$ 53.86	10,839	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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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. Dr.Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			7. Title and A Underlying S (Instr. 3 and	Securitie
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Stock Appreciation Rights	\$ 42.28					05/02/2010(1)	05/02/2018	Common Stock	25,00
Non-Qualified Stock Option	\$ 21.85					(2)	06/28/2014	Common Stock	25,00
Non-Qualified Stock Option	\$ 29.75					(3)	01/21/2015	Common Stock	10,0
Non-Qualified Stock Option	\$ 36.36					01/27/2008(4)	01/27/2016	Common Stock	25,0
Stock Appreciation Rights	\$ 48.05					02/06/2009(5)	02/06/2017	Common Stock	25,00
Stock Appreciation Rights	\$ 42.65					05/08/2011(1)	05/08/2019	Common Stock	25,00

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Barta David Alan 200 STATE STREET BELOIT, WI 53511			Vice President CFO			

Signatures

Reporting Person

/s/ David A.	02/09/2010		
Barta			
**Signature of	Date		

Reporting Owners 2

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) 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.
- (2) Grant to reporting person of option to buy shares of common stock under the 2003 Equity Incentive Plan. The option vests and becomes exercisable 1/3 on the third anniversary of the date of grant, 1/3 on fourth anniversary and 1/3 on fifth anniversary.
- (3) Full vested stock options.
- Grant to reporting person of option to buy shares of common stock under the 2003 Equity Incentive Plan. The option vests and becomes
- (4) 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 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.

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.