Thomas Martin Form 4 February 11, 2011

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

Washington, D.C. 20549

January 31, Expires: 2005

Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

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 Address of Reporting Person * Thomas Martin			2. Issuer Name Symbol	and Ticker or Trading	5. Relationship of Reporting Person(s) to Issuer				
			ROCKWELL [ROK]	L AUTOMATION INC	(Check all applicable)				
(Last)	(First)	(Middle)	3. Date of Earlie	est Transaction	Director	10% C			
1001 001		~~~	(Month/Day/Yea	ar)	Officer (give title Other below)				
1201 SOU	TH SECOND	STREET	02/11/2011		Sr. VP Opera	tions & Eng. S	vcs.		
	(Street)		4. If Amendmen	t, Date Original	6. Individual or Joint	/Group Filing	(Check		
			Filed(Month/Day	(Year)	Applicable Line)				
					X Form filed by One				
MILWAU	KEE, WI 5320	4			Form filed by Mor Person	e than One Repo	orting		
(City)	(State)	(Zip)	Table I - N	on-Derivative Securities Acq	uired, Disposed of, o	r Beneficially	Owned		
1.Title of	2. Transaction I	Date 2A. Deem	ed 3.	4. Securities Acquired (A	.) 5. Amount of	6.	7. Nature		

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1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	omr Dispos (Instr. 3,	sed of 4 and 3	` <i>*</i>	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							440.9202	I	By Savings Plan (1)
Common Stock	02/11/2011		M	20,000	A	\$ 29.37	38,481	D	
Common Stock	02/11/2011		S	20,000 (3)	D	\$ 87.9005	18,481	D (4)	

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

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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)

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. 5. Number of TransactionDerivative Code Securities (Instr. 8) 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 Securition (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (Right to Buy)	\$ 29.37	02/11/2011		M	20,000	12/03/2009(2)	12/03/2018	Common Stock	20,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Thomas Martin 1201 SOUTH SECOND STREET MILWAUKEE, WI 53204

Sr. VP Operations & Eng. Svcs.

Signatures

Karen A. Balistreri, Attorney-In-Fact for Martin Thomas

02/11/2011

Date

**Signature of 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) Includes shares represented by Company stock fund units acquired under the Company Savings Plan since the last ownership report for this person, based on information furnished by the Plan Administrator as of 12/31/2010.
- (2) The option vests in three substantially equal annual installments beginning on the date exercisable.
- Price reported in column 4 is a weighted average price. Shares sold at prices ranging from \$87.83 to \$87.95. The reporting person
- (3) undertakes to provide to the Company, any shareowners of the Company and the staff of the SEC, upon request, full information regarding the number of shares sold at each separate price.
- (4) 7,140 shares are held by Company to implement restrictions on transfer unless and until certain conditions are met.

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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