ANALOGIC CORP Form 4 April 03, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * MILLERICK JOHN J			2. Issuer Name and Ticker or Trading Symbol ANALOGIC CORP [ALOG]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
			(Month/Day/Year)	Director 10% Owner		
8 CENTENNIAL DRIVE			03/31/2006	X Officer (give title Other (specify below)		
				Sr.VP & CFO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person		
PEABODY, MA 01960				Form filed by More than One Reporting Person		

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership Indirect (Instr. 3) (Instr. 3, 4 and 5) Beneficially Code Form: Beneficial (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership Following or Indirect (Instr. 4) Reported (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) Code V Amount Price Common 03/31/2006 M 2,318 A \$ 43.125 17,318 D Stock Common 03/31/2006 M 7,682 A \$ 43.125 25,000 D Stock Common S 711 D 03/31/2006 D \$65.92 24,289 Stock Common 03/31/2006 S 1,200 D \$ 65.928 23,089 D Stock Common 03/31/2006 S 107 D \$ 65.93 22,982 D

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Common Stock	03/31/2006	S	300	D	\$ 65.94	22,682	D
Common Stock	03/31/2006	S	3,900	D	\$ 65.7436	18,782	D
Common Stock	03/31/2006	S	547	D	\$ 65.78	18,235	D
Common Stock	03/31/2006	S	100	D	\$ 65.84	18,135	D
Common Stock	03/31/2006	S	2,332	D	\$ 65.87	15,803	D
Common Stock	03/31/2006	S	803	D	\$ 65.9	15,000	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)

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 proof 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 Amo Underlying Secu (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	An or Ni of Sh
Incentive Stock Option (right to buy)	\$ 43.125	03/31/2006		M	2,318	01/01/2003(1)	01/19/2008	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 43.125	03/31/2006		M	7,682	01/19/2003(1)	01/19/2008	Common Stock	7

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

Reporting Owners 2

MILLERICK JOHN J 8 CENTENNIAL DRIVE PEABODY, MA 01960

Sr.VP & CFO

Signatures

By: Bruce Garr, by Power of Attorney For: John J. Millerick

04/03/2006

**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) Beginning on the second anniversary of the grant date, twenty-five percent of the options became exercisable on each anniversary of the grant date.

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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