

ANALOGIC CORP

Reported by
JUDGE JAMES J

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 02/05/18 for the Period Ending 02/01/18

Address 8 CENTENNIAL DRIVE
PEABODY, MA, 01960
Telephone 9789773000
CIK 0000006284
Symbol ALOG
SIC Code 3825 - Instruments for Measuring and Testing of Electricity and Electrical Signals
Industry Advanced Medical Equipment & Technology
Sector Healthcare
Fiscal Year 07/31

FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

[] 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 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * JUDGE JAMES J (Last) (First) (Middle) C/O ANALOGIC CORPORATION, 8 CENTENNIAL DRIVE (Street) PEABODY, MA 01960 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol ANALOGIC CORP [ALOG]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director _____ 10% Owner _____ Officer (give title below) _____ Other (specify below)
3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">2/1/2018</p>		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
4. If Amendment, Date Original Filed (MM/DD/YYYY)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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			

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Deferred Stock Units	\$0.00	2/1/2018		A		1460		(1)	(2)	Common Stock	1460	\$0.00	13185	D	

Explanation of Responses:

- (1) The Reporting Person has elected, as permitted by the Issuer's Non-Employee Director Stock Plan, to receive the deferred stock units upon termination of his or her service as a member of the Board of Directors of the Issuer.
- (2) The Reporting Person has elected as permitted by the plan to receive the deferred stock units upon termination of his or her service as a member of the Board of Directors of the Issuer.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
JUDGE JAMES J C/O ANALOGIC CORPORATION 8 CENTENNIAL DRIVE PEABODY, MA 01960	X			

Signatures

/s/ **John J. Fry, by Power of Attorney For James J. Judge**

2/5/2018

**Signature of Reporting Person

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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.