Fry John J Form 4 May 05, 2010

FORM 4

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

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Section 16. Form 4 or

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).

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obligations

may continue.

See Instruction

(Print or Type Responses)

1. Name and Address of Reporting Person *

Fry John J

2. Issuer Name and Ticker or Trading Symbol

ANALOGIC CORP [ALOG]

(First) (Middle) (Last)

(Street)

(State)

(Month/Day/Year)

01/29/2010

8 CENTENNIAL DRIVE

3. Date of Earliest Transaction

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Director 10% Owner _X__ Officer (give title __X__ Other (specify

below) below)

VP-Gnl Counsel-Corp Secretary / VP-Gnl

Counsel-Corp Secretary

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

PEABODY, MA 01960

(Instr. 3)

(Zip) (City) 1.Title of 2. Transaction Date 2A. Deemed Security

4. Securities (Month/Day/Year) Execution Date, if Code (Month/Day/Year)

TransactionAcquired (A) or Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

(Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

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 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)

1. Title of

Conversion

Derivative

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if

4. 5. Number

6. Date Exercisable and Transaction of Derivative Expiration Date

7. Title and Amount of 8. Pr Underlying Securities Deri

(9-02)

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code Securities (Instr. 8) Acquired (A) or Disposed (D) (Instr. 3, and 5)		of		(Instr. 3 and 4)		Secu (Inst
				Code V	(A) (D	D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 0	01/29/2010		A	\$ 6,215	(2)	(3)	Common Stock	\$ 6,215	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Fry John J
8 CENTENNIAL DRIVE
PEABODY, MA 01960

VP-Gnl Counsel-Corp
Secretary

VP-Gnl Counsel-Corp

Signatures

By: Bruce Garr, by Power of Attoney For: John J. Fry 05/05/2010

**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).
- The number of Resticted Stock Units (RSUs) reported in Box 4 is the target number of RSUs awarded to the Reporting Person based on (1) the achievement of certain performance criteria. The Reporting Person is eligible to receive up to twice the target number of RSUs depending on whether, and the extent to which, the performance criteria are exceeded.
- The performance period will end on July 31, 2012. As soon as reasonably practicable thereafter, a determination will be made as to whether and to what extent the performance criteria has been met. If such criteria has been met, the RSUs earned will be converted to common stock and a like number of shares will be issued to the grantee.
- The performance period will end on July 31, 2012. As soon as reasonably practicable thereafter, a determination will be made as to whether and to what extent the performance criteria has been met. If such criteria has been met, the RSUs earned will be converted to common stock and a like number of shares will be issued to the grantee.

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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