TARELLO JOHN A Form 4 July 02, 2008

FORM 4

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

OMB APPROVAL

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

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

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 * TARELLO JOHN A

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

ANALOGIC CORP [ALOG]

(Check all applicable)

(First) (Middle) (Last)

(Street)

(Month/Day/Year)

X_ Director 10% Owner Officer (give title Other (specify below)

8 CENTENNIAL DRIVE 07/01/2008

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

3. Date of Earliest Transaction

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

PEABODY, MA 01960

(City) (State) (Zip)

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

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Indirect Beneficial Owned Ownership Following (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 (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)

1. Title of 3. Transaction Date 3A. Deemed 6. Date Exercisable and 4. 5. Derivative Conversion (Month/Day/Year) Execution Date, if TransactionNumber **Expiration Date** Security or Exercise Code of (Month/Day/Year) (Instr. 3) Price of (Month/Day/Year) (Instr. 8) Derivative

7. Title and Amount of 8. Price of Underlying Securities (Instr. 3 and 4)

Derivative Security (Instr. 5)

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Derivative Securities Security Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Code V (A) (D) Date **Expiration Title** Amount Exercisable Date or Number of Shares Deferred Common (2) (3) Stock \$0 07/01/2008 1 1 \$0 Stock Units (1)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

TARELLO JOHN A 8 CENTENNIAL DRIVE X PEABODY, MA 01960

Signatures

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

Tarello

07/02/2008

**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).
- Dividend equivalents are earned on deferred stock units received by the Reporting Person under the Non-Employee Director Stock Plan, (1) on each of the Issuer's dividend payment dates. The dividend equivalent earned on each such date is then converted into deferred stock
- units based upon the valuation of such units under the plan on that date.

 The Reporting Person has elected, as permitted by the Issuer's Non-Employee Director Stock Plan, to receive the deferred stock units
- (2) The Reporting Person has effected, as permitted by the Issuer's Polit-Employee Director Stock Phair, to receive the deferred stock units upon termination of his or her service as a member of the Board of Directors of the Issuer.
- (3) 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.

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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