

Lightwave Logic, Inc.
Form 4
August 30, 2013

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Bucchi Ronald A

(Last) (First) (Middle)
111 RUTHAR DRIVE
(Street)
NEWARK, DE 19711
(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Lightwave Logic, Inc. [LWLG]

3. Date of Earliest Transaction
(Month/Day/Year)
08/29/2013

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction 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 Ownership Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | | (A) or (D) | 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 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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 | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|--|------------------------------------|--------------------------------------|--|--------------------------------|---|--|---|
|--|------------------------------------|--------------------------------------|--|--------------------------------|---|--|---|

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| Derivative Security | | | Code | V | or Disposed of (D) (Instr. 3, 4, and 5) | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
|--------------------------------------|---------|------------|------|---|---|-----|------------------|-----------------|--------------|----------------------------|
| | | | | | (A) | (D) | | | | |
| Employee Stock Option (Right to Buy) | \$ 0.84 | 08/29/2013 | A | | | | (1) | 08/28/2023 | Common Stock | 50,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Bucchi Ronald A 111 RUTHAR DRIVE NEWARK, DE 19711 | | X | | |

Signatures

/s/ Ronald A. Bucchi
08/30/2013

**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).
- On August 29, 2013 the reporting person received an option to purchase up to 50,000 shares of company stock that vest pursuant to the following schedule: 20,000 options vest on August 29, 2013, and the remaining options vest in three equal quarterly installments of 10,000 options per quarter commencing on October 1, 2013.

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.