

Lightwave Logic, Inc.  
Form 10-Q/A  
November 14, 2012

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

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**FORM 10-Q/A**

**(Amendment No. 1)**

**(Mark One)**

✓ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended September 30, 2012

**OR**

.. **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number 0-52567

**Lightwave Logic, Inc.**

(Exact name of registrant as specified in its charter)

**Nevada**

(State or other jurisdiction of  
Incorporation or Organization)

**82-049-7368**

(I.R.S. Employer Identification No.)

**111 Ruthar Drive**

**Newark, DE**

(Address of principal executive offices)

**19711**

(Zip Code)

**(302) 356-2717**

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(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

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Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of “large accelerated filer,” “accelerated filer” and “smaller reporting company” in Rule 12b-2 of the Exchange Act (Check one):

|                         |                          |                           |                                     |
|-------------------------|--------------------------|---------------------------|-------------------------------------|
| Large accelerated filer | <input type="checkbox"/> | Accelerated filer         | <input type="checkbox"/>            |
| Non-accelerated filer   | <input type="checkbox"/> | Smaller reporting company | <input checked="" type="checkbox"/> |

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act.)  
Yes  No

The number of shares of the registrant’s Common Stock outstanding as of November 12, 2012 was 49,805,479.

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### EXPLANATORY NOTE

The purpose of this Amendment No. 1 to Lightwave Logic, Inc.'s Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2012, filed with the Securities and Exchange Commission on November 13, 2012 (the Form 10-Q ), is solely to furnish Exhibit 101 to the Form 10-Q that was not accepted by the EDGAR system at the time of the initial filing of the Form 10-Q. No other changes have been made to the Form 10-Q. This Amendment No. 1 to the Form 10-Q speaks as of the original filing date of the Form 10-Q, does not reflect events that may have occurred subsequent to the original filing date, and does not modify or update in any way disclosures made in the original Form 10-Q.

### PART II OTHER INFORMATION

#### Item 6

#### Exhibits

The following exhibits are included herein:

| <u>Exhibit No.</u> | <u>Description of Exhibit</u>  |
|--------------------|--|
| 10.1               | Purchase Agreement, dated as of May 3, 2011, by and between the Company and Lincoln Park Capital Fund, LLC (incorporated by reference to our Form 8-K filed on May 6, 2011).   |
| 10.2               | Registration Rights Agreement, dated as of May 3, 2011, by and between the Company and Lincoln Park Capital Fund, LLC (incorporated by reference to our Form 8-K filed on May 6, 2011).  |
| 31.1               | Certification pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934, as amended, executed by the Principal Executive Officer of the Company.   |
| 31.2               | Certification pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934, as amended, executed by the Principal Financial Officer of the Company.   |
| 32.1               | Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, executed by the Principal Executive Officer of the Company.  |
| 32.2               | Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, executed by the Principal Financial Officer of the Company.  |
| 101                | The following financial information from Lightwave Logic Inc.'s Quarterly Report on Form 10-Q for the quarter ended September 30, 2012, formatted in XBRL (eXtensible Business Reporting Language): (i) Balance Sheets (ii) Statements of Operations (iii) Statement of Stockholders' Equity (iv) Statements of Cash Flows, and (v) the Notes to Financial Statements. |



**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

**LIGHTWAVE LOGIC, INC.**

Registrant

By: /s/ Thomas E. Zelibor

Thomas E. Zelibor,

Chief Executive Officer

(Principal Executive Officer)

Date: November 14, 2012

By: /s/ Thomas E. Zelibor

Thomas E. Zelibor,

Chief Executive Officer

(Principal Executive Officer)

Date: November 14, 2012

By: /s/ James S. Marcelli

James S. Marcelli,

President, Chief Operating Officer

(Principal Financial Officer)

Date: November 14, 2012