

Lightwave Logic, Inc.  
Form 3  
April 07, 2017

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *			2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â LEONBERGER FREDERICK J			(Month/Day/Year) 04/01/2017	Lightwave Logic, Inc. [LWLG]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)
1831 LEFTHAND CIRCLE,Â SUITE C			(Check all applicable)		
(Street)			<input checked="" type="checkbox"/> Director	<input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
LONGMONT,Â COÂ 80501			<input type="checkbox"/> Officer	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
(City)	(State)	(Zip)	(give title below) (specify below)		<input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable      Expiration Date	Title      Amount or Number of			

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				Shares		or Indirect (I) (Instr. 5)	
Warrant (Right to Buy)	Â (1)	12/13/2017	Common Stock	125,000	\$ 0.98	D	Â
Warrant (Right to Buy)	Â (2)	12/31/2018	Common Stock	100,000	\$ 0.715	D	Â
Warrant (Right to Buy)	Â (3)	12/31/2019	Common Stock	100,000	\$ 0.77	D	Â
Warrant (Right to Buy)	Â (4)	12/31/2020	Common Stock	125,000	\$ 0.6	D	Â
Warrant (Right to Buy)	Â (5)	12/31/2021	Common Stock	275,000	\$ 0.6	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LEONBERGER FREDERICK J 1831 LEFTHAND CIRCLE SUITE C LONGMONT,Â COÂ 80501	Â X	Â	Â	Â

## Signatures

/s/ Frederick J.  
Leonberger

04/07/2017

\*\*Signature of Reporting  
Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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).
- (1) The warrant vested as follows: 31,256 on December 13, 2012 with remainder vesting in equal monthly installments of 7,812 over the next 12 months thereafter.
- (2) The warrant vested as follows: 25,000 on January 1, 2014 with remainder vesting in equal monthly installments of 7,500 over the next 10 months thereafter.
- (3) The warrant vested as follows: 25,000 on January 1, 2015 with remainder vesting in equal monthly installments of 7,500 over the next 10 months thereafter.
- (4) The warrant vested as follows: 31,250 on January 1, 2016 with remainder vesting in equal monthly installments of 9,375 over the next 10 months thereafter.
- (5) The warrant vested as follows: 181,250 on January 1, 2017 with remainder of 93,750 vesting on March 24, 2017.

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.