

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *			2. Date of Event Requiring Statement (MM/DD/YYYY)		3. Issuer Name and Ticker or Trading Symbol		
<b>Trautmann Erwin</b>			<b>8/4/2016</b>		<b>Atomera Inc [ATMR]</b>		
(Last) (First) (Middle)			4. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
<b>750 UNIVERSITY AVENUE, SUITE 280</b>			<input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>See Remarks /</b>				
(Street)			5. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)		
<b>LOS GATOS, CA 95032</b>					<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City) (State) (Zip)							

### 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)
<b>Common Stock</b>	<b>3892</b>	<b>D</b>	

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

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		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) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
<b>Employee Stock Option (Right to Buy)</b>	<b>(1)</b>	<b>2/27/2025</b>	<b>Common Stock</b>	<b>57001</b>	<b>\$6.60</b>	<b>D</b>	
<b>Employee Stock Option (Right to Buy)</b>	<b>(1)</b>	<b>1/19/2026</b>	<b>Common Stock</b>	<b>873</b>	<b>\$5.70</b>	<b>D</b>	

#### Explanation of Responses:

(1) All of the shares subject to the option are fully vested and exercisable.

#### Remarks:

The reporting person is the Executive Vice President of Strategic Business Development.

#### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>Trautmann Erwin</b> <b>750 UNIVERSITY AVENUE, SUITE 280</b> <b>LOS GATOS, CA 95032</b>	<b>X</b>		<b>See Remarks</b>	

#### Signatures

**Erwin Trautmann**

**8/4/2016**

\*\*Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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