

[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

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

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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 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *					2. Issuer Name and Ticker or Trading Symbol						5. Relationship of Reporting Person(s) to Issuer (Check all applicable)							
Trautmann Erwin					Ato	Atomera Inc [ATOM]								,		0% Owner		
(Last)	(First) (M	Iiddle)		3. Date of Earliest Transaction (MM/DD/YYYY)					X Director X Officer (g	ive title belo		Other (speci	fy below)				
750 UNIVERSITY AVENUE, SUITE 280						3/1/2018							See Remarks		,	\1		
(Street)					4. If	4. If Amendment, Date Original Filed (MM/DD/YYYY)							6. Individual or Joint/Group Filing (Check Applicable Line)					
LOS GATOS, CA 95032 (City) (State) (Zip)												X Form filed by One Reporting Person Form filed by More than One Reporting Person						
			Table I	- Non-					•	ed, Di	sposed o	f, or	Bene	eficially Owne	ed			
1.Title of Security (Instr. 3)			Date 2A. Deem Execution Date, if an		ition	n (Instr. 8)		de 4. Securities Acqu or Disposed of (D) (Instr. 3, 4 and 5)			Fo	Amount of Securition of Securities of Securition of Securities of Securi	ties Beneficially Owned Transaction(s)		6. Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership		
								Code	V	Amou	(A) or (D)	Pric	e					(Instr. 4)
Common Stock 3/1/2018				8	S(1) 368 D \$6.09 83877					D								
	Tab	le II - Der	ivative S	Securiti	ies B	enef	ficially	Owned (e.g. ,	, puts,	calls, wa	arran	ıts, o	options, conve	rtible sec	urities)		
1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative	Date I	3A. Deem Execution Date, if an	n (Inst			5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date			7. Title and A Securities Un Derivative S (Instr. 3 and		Underlying Security	derlying Derivative Security		Ownership Form of Derivative Security:	11. Nature of Indirect Beneficial Ownership (Instr. 4)
	Security			Co	ode	v	(A)	(D)	Date Exer	cisable	Expiration Date		Amo	ount or Number of		Following Reported Transaction(s) (Instr. 4)	Direct (D) or Indirect (I) (Instr. 4)	

Explanation of Responses:

(1) Represents the number of shares sold by the reporting person to cover tax withholding obligations in connection with the vesting of a restricted stock grant that was previously reported in Table I on the Form 4 filed on March 22, 2017. This sale is to satisfy tax withholding obligations by a "sell to cover" transaction.

Remarks:

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

Reporting Owners

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

Signatures

/s/ Francis Laurencio, as Attorney-in-Fact	3/2/2018
**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 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).

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

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

