EASTHAM Form 4											
January 04, FORN Check t if no lor subject Section Form 4 Form 5 obligati may cor See Inst 1(b). (Print or Type	A 4 his box nger to 16. or ons ntinue. ruction STATEN STATEN STATEN Section 170	STATES SECU W MENT OF CHA rsuant to Section (a) of the Public 1 30(h) of the 1	ashing NGES SE(16(a) Utility	g ton S IN CUI of tl Hol	h, D.C. 2 BENEI RITIES he Secur Iding Co	0549 FICL ities	AL OW Exchangen y Act of	NERSHIP OF e Act of 1934, f 1935 or Section	Number: 3235-0287 Number: January 31, Expires: 2005 Estimated average burden hours per response 0.5		
	Address of Reporting	Symbol	l		d Ticker o C [ILMN		ling	5. Relationship of l Issuer	Reporting Pers	on(s) to	
(Last) 5200 ILLU	(First) (MINA WAY	Middle) 3. Date	of Earli /Day/Ye	est T	Transaction			(Check X_ Director Officer (give t below)) Owner r (specify	
SAN DIEC	(Street) GO, CA 92122		nendmer lonth/Day		Date Origin ar)	al		6. Individual or Joi Applicable Line) _X_ Form filed by O	ne Reporting Per	rson	
(City)	(State)	(Zip) Ta	hle I - N	Jon-	Derivativ	e Secu	urities Aca	Person uired, Disposed of,	or Beneficiall	v Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	ansaction Date 2A. Deemed			4. Securi onor Dispo (Instr. 3,	ties A sed of 4 and (A) or	cquired (A (D) 5)		of 6. 7. Nature Ownership Indirect ly Form: Beneficia Direct (D) Ownershi or Indirect (Instr. 4) (I) n(s) (Instr. 4)		
Common Stock	11/06/2018				Amount 184	(D) D	Price \$ 0	12,655	D		
Common Stock	11/27/2018		G	V	315	D	\$ 0	12,340	D		
Common Stock	11/28/2018		G	v	458	D	\$ 0	11,882	D		
Common Stock	12/03/2018		G	v	44	D	\$ 0	11,838	D		
Common Stock	01/02/2019		М		4,000 (1)	A	\$ 71.09	15,838	D		
	01/02/2019		S		333 <u>(1)</u>	D		15,505	D		

Common Stock					\$ 291.0292 (2)		
Common Stock	01/02/2019	S	566 <u>(1)</u>	D	\$ 292.4054 (<u>3)</u>	14,939	D
Common Stock	01/02/2019	S	1,202 (1)	D	\$ 293.6279 (4)	13,737	D
Common Stock	01/02/2019	S	1,068 (1)	D	\$ 294.7482 (5)	12,669	D
Common Stock	01/02/2019	S	365 <u>(1)</u>	D	\$ 295.7205 (6)	12,304	D
Common Stock	01/02/2019	S	466 <u>(1)</u>	D	\$ 296.5694 (7)	11,838	D
Common Stock	01/02/2019	S	67 <u>(1)</u>	D	\$ 291.0191 (8)	11,771	D
Common Stock	01/02/2019	S	134 <u>(1)</u>	D	\$ 292.2653 (9)	11,637	D
Common Stock	01/02/2019	S	350 <u>(1)</u>	D	\$ 293.585 (10)	11,287	D
Common Stock	01/02/2019	S	232 <u>(1)</u>	D	\$ 294.7325 (11)	11,055	D
Common Stock	01/02/2019	S	117 <u>(1)</u>	D	\$ 295.9309 (12)	10,938	D
Common Stock	01/02/2019	S	100 <u>(1)</u>	D	\$ 296.7756 (13)	10,838	D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(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 Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. Number owf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amoun Underlying Securiti (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numt of Share
Non-qualified Stock Option (Right to Buy)	\$ 71.09	01/02/2019		М	4,000 (1)	05/29/2014	05/29/2023	Common Stock	4,00

Reporting Owners

Reporting Owner Name / Address		Relationsh			
	Director	10% Owner	Officer	Other	
EASTHAM KARIN 5200 ILLUMINA WAY SAN DIEGO, CA 92122	Х				
Signatures					
By: Scott M. Davies for Karin Eastham		01/04/2	2019		
**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).
- (1) The sale was made pursuant to a 10b5-1 plan.
- (2) Weighted average sale price representing 333 shares sold ranging from \$290.63 to \$291.42 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- (3) Weighted average sale price representing 566 shares sold ranging from \$292.02 to \$293.00 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- (4) Weighted average sale price representing 1,202 shares sold ranging from \$293.02 to \$294.01 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- Weighted average sale price representing 1,068 shares sold ranging from \$294.17 to \$295.08 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- (6) Weighted average sale price representing 365 shares sold ranging from \$295.17 to \$296.10 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- (7) Weighted average sale price representing 466 shares sold ranging from \$296.18 to \$297.00 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- (8) Weighted average sale price representing 67 shares sold ranging from \$290.63 to \$291.42 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.

Reporting Owners

- (9) Weighted average sale price representing 134 shares sold ranging from \$292.02 to \$292.77 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- (10) Weighted average sale price representing 350 shares sold ranging from \$293.02 to \$294.01 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- (11) Weighted average sale price representing 232 shares sold ranging from \$294.20 to \$295.08 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- (12) Weighted average sale price representing 117 shares sold ranging from \$295.56 to \$296.18 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.
- (13) Weighted average sale price representing 100 shares sold ranging from \$296.64 to \$297.00 per share. Number of shares sold at each separate price will be made available to the SEC staff, the issuer, or a security holder of the issuer upon request.

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.