FLATLEY JAY T Form 4 July 13, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

January 31, Expires: 2005

below)

Form filed by More than One Reporting

OMB APPROVAL

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obligations may continue. See Instruction

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(b).

1. Name and Address of Reporting Person * FLATLEY JAY T		orting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			ILLUMINA INC [ILMN]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction			
9885 TOWN	IE CENTRI	E DRIVE	(Month/Day/Year) 07/09/2009	_X_ Director 10% OwnerX_ Officer (give title Other (specify		

President & CEO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person

below)

Person

SAN DIEGO, CA 92121-1975

(City)	(State)	(Zip) Tab	le I - Non-	Derivativo	e Secu	rities Acqu	iired, Disposed o	f, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securi on(A) or Do (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	07/09/2009		Code V M	Amount 1,667 (1)	(D)	Price \$ 2.995	680,492	D	
Common Stock	07/09/2009		S	1,667 (1)	D	\$ 31.956 (2)	678,825	D	
Common Stock	07/09/2009		M	2,500 (1)	A	\$ 2.995	681,325	D	
Common Stock	07/09/2009		S	2,500 (1)	D	\$ 32.012 (3)	678,825	D	
	07/09/2009		M		A	\$ 2.995	680,492	D	

Common Stock			1,667 (1)				
Common Stock	07/09/2009	S	1,667 (1)	D	\$ 32.044 (4)	678,825	D
Common Stock	07/09/2009	M	1,667 (1)	A	\$ 2.995	680,492	D
Common Stock	07/09/2009	S	1,667 (1)	D	\$ 32.119 (5)	678,825	D
Common Stock	07/09/2009	M	1,667 (1)	A	\$ 2.995	680,492	D
Common Stock	07/09/2009	S	1,667 (1)	D	\$ 32.154 <u>(6)</u>	678,825	D
Common Stock	07/09/2009	M	1,667 (1)	A	\$ 2.995	680,492	D
Common Stock	07/09/2009	S	1,667 (1)	D	\$ 32.198 <u>(7)</u>	678,825	D
Common Stock	07/09/2009	M	1,667 (1)	A	\$ 2.995	680,492	D
Common Stock	07/09/2009	S	1,667 (1)	D	\$ 32.284 (8)	678,825	D
Common Stock	07/09/2009	M	1,667 (1)	A	\$ 2.995	680,492	D
Common Stock	07/09/2009	S	1,667 (1)	D	\$ 32.351 (9)	678,825	D
Common Stock	07/09/2009	M	1,667 (1)	A	\$ 2.995	680,492	D
Common Stock	07/09/2009	S	1,667 (1)	D	\$ 32.384 (10)	678,825	D
Common Stock	07/09/2009	M	2,500 (1)	A	\$ 2.995	681,325	D
Common Stock	07/09/2009	S	2,500 (1)	D	\$ 32.408 (11)	678,825	D
Common Stock	07/09/2009	M	834 (1)	A	\$ 2.995	679,659	D

Common Stock	07/09/2009	S	834 (1)	D	\$ 32.422 (12)	678,825	D	
Common Stock	07/09/2009	M	5,830 (1)	A	\$ 3.95	684,655	D	
Common Stock	07/09/2009	S	5,830 (1)	D	\$ 32.504 (13)	678,825	D	
Common Stock						23,600	I	by Daughters

(e.g., puts, calls, warrants, options, convertible securities)

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

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. Transactic Code (Instr. 8)	ansaction Derivative Expiration Date ode Securities (Month/Day/Year)		-		7. Title and Amo Underlying Sect (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009		M		1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009		M		2,500 (1)	09/27/2008	09/27/2011	Common Stock	2,5
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009		M		1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009		M		1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option	\$ 2.995	07/09/2009		M		1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6

(right to buy)								
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009	M	2,500 (1)	09/27/2008	09/27/2011	Common Stock	2,5
Non-Qualified Stock Option (right to buy)	\$ 2.995	07/09/2009	M	834 (1)	09/27/2008	09/27/2011	Common Stock	83
Non-Qualified Stock Option (right to buy)	\$ 3.95	07/09/2009	M	5,830 (1)	02/07/2004	01/07/2014	Common Stock	5,8

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
FLATLEY JAY T								
9885 TOWNE CENTRE DRIVE	X		President & CEO					
SAN DIEGO, CA 92121-1975								

Signatures

By: Octavio Espinoza For: Jay T.
Flatley
07/13/2009

**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.
- Weighted average sale price representing 1,667 shares sold ranging from \$31.95 to \$31.99 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 2,500 shares sold ranging from \$31.99 to \$32.03 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 4

- (4) Weighted average sale price representing 1,667 shares sold ranging from \$32.03 to \$32.06 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 1,667 shares sold ranging from \$32.06 to \$32.15 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 1,667 shares sold ranging from \$32.15 to \$32.16 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 1,667 shares sold ranging from \$32.16 to \$32.25 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 1,667 shares sold ranging from \$32.25 to \$32.32 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.
- (9) Weighted average sale price representing 1,667 shares sold ranging from \$32.32 to \$32.37 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 1,667 shares sold ranging from \$32.37 to \$32.39 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 2,500 shares sold ranging from \$32.39 to \$32.42 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.
- (12) Weighted average sale price representing 834 shares sold ranging from \$32.42 to \$32.43 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 5,830 shares sold ranging from \$32.43 to \$32.53 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.