FLATLEY JAY T

Form 4

September 14, 2009

FORM 4

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

OMB

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

3235-0287 Number: January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations **SECURITIES**

Estimated average burden hours per response... 0.5

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * FLATLEY JAY T			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 TOWNE CENTRE DRIVE			(Month/Day/Year) 09/10/2009	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) 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		
SAN DIEGO, CA 92121-1975							Form filed by More than One Reporting Person		
(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	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. Transactic Code (Instr. 8)	4. Security of (A) or Di (Instr. 3,	spose	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	09/10/2009		M	1,667 (1)	A	\$ 2.995	630,492	D	

		Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Inst
Common Stock	09/10/2009	M	1,667 (1)	A	\$ 2.995	630,492	D
Common Stock	09/10/2009	S	1,667 (1)	D	\$ 38.071 (2)	628,825	D
Common Stock	09/10/2009	M	2,501 (1)	A	\$ 2.995	631,326	D
Common Stock	09/10/2009	S	2,501 (1)	D	\$ 38.11 (3)	628,825	D
Common Stock	09/10/2009	M	1,667 (1)	A	\$ 2.995	630,492	D

Common Stock	09/10/2009	S	1,667 (1)	D	\$ 38.173 (4)	628,825	D
Common Stock	09/10/2009	M	1,667 (1)	A	\$ 2.995	630,492	D
Common Stock	09/10/2009	S	1,667 (1)	D	\$ 38.214 (5)	628,825	D
Common Stock	09/10/2009	M	1,667 (1)	A	\$ 2.995	630,492	D
Common Stock	09/10/2009	S	1,667 (1)	D	\$ 38.248 <u>(6)</u>	628,825	D
Common Stock	09/10/2009	M	1,667 (1)	A	\$ 2.995	630,492	D
Common Stock	09/10/2009	S	1,667 (1)	D	\$ 38.263 <u>(7)</u>	628,825	D
Common Stock	09/10/2009	M	5,000 (1)	A	\$ 2.995	633,825	D
Common Stock	09/10/2009	S	5,000 (1)	D	\$ 38.29 (8)	628,825	D
Common Stock	09/10/2009	M	1,667 (1)	A	\$ 2.995	630,492	D
Common Stock	09/10/2009	S	1,667 (1)	D	\$ 38.383 <u>(9)</u>	628,825	D
Common Stock	09/10/2009	M	1,667 (1)	A	\$ 2.995	630,492	D
Common Stock	09/10/2009	S	1,667 (1)	D	\$ 38.433 (10)	628,825	D
Common Stock	09/10/2009	M	1,667 (1)	A	\$ 2.995	630,492	D
Common Stock	09/10/2009	S	1,667 (1)	D	\$ 38.452 (11)	628,825	D
Common Stock	09/10/2009	M	2,501 (1)	A	\$ 2.995	631,326	D
Common Stock	09/10/2009	S	2,501 (1)	D	\$ 38.471 (12)	628,825	D

Common Stock	09/10/2009	M	834 (1) A	\$ 2.995	629,659	D	
Common Stock	09/10/2009	S	834 <u>(1)</u> D	\$ 38.576 (13)	628,825	D	
Common Stock	09/10/2009	M	828 (1) A	\$ 3.95	629,653	D	
Common Stock	09/10/2009	S	828 <u>(1)</u> D	\$ 38.625 (14)	628,825	D	
Common Stock					23,600	I	by Daughters

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.

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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exerci Expiration Dat (Month/Day/Y	e	7. Title and A Underlying S (Instr. 3 and	Securit
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009		M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009		M	2,501 (1)	09/27/2008	09/27/2011	Common Stock	2,5
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009		M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009		M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6

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Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009	M	5,000 (1)	09/27/2008	09/27/2011	Common Stock	5,0
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009	M	2,501 (1)	09/27/2008	09/27/2011	Common Stock	2,5
Non-Qualified Stock Option (right to buy)	\$ 2.995	09/10/2009	M	834 (1)	09/27/2008	09/27/2011	Common Stock	83
Non-Qualified Stock Option (right to buy)	\$ 3.95	09/10/2009	M	828 (1)	02/07/2004	01/07/2014	Common Stock	82

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
09/14/2009

**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).

Reporting Owners 4

- (1) The sale was made pursuant to a 10B5-1 plan.
- Weighted average sale price representing 1,667 shares sold ranging from \$38.05 to \$38.09 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 2,501 shares sold ranging from \$38.09 to \$38.16 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 \$38.16 to \$38.18 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.
- Weighted average sale price representing 1,667 shares sold ranging from \$38.18 to \$38.22 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 \$38.22 to \$38.26 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 1,667 shares sold ranging from \$38.26 to \$38.27 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 5,000 shares sold ranging from \$38.27 to \$38.31 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 \$38.31 to \$38.42 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.
- (10) Weighted average sale price representing 1,667 shares sold ranging from \$38.42 to \$38.45 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 1,667 shares sold ranging from \$38.45 to \$38.46 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 2,501 shares sold ranging from \$38.46 to \$38.49 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 834 shares sold ranging from \$38.49 to \$38.60 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 828 shares sold ranging from \$38.60 to \$38.63 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.