FLATLEY JAY T Form 4 April 13, 2009

FORM 4

Check this box

if no longer

subject to

Section 16.

Form 4 or

obligations

may continue.

See Instruction

Form 5

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

OMB APPROVAL

Washington, D.C. 20549

Number: 3235-0287 Expires: January 31,

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires. 2005
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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			Issuer Name and Ticker or Trading Symbol ILLUMINA INC [ILMN]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
(Last)	(First)	(Middle)				
			(Month/Day/Year)	X Director 10% Owner		
9885 TOWNE CENTRE DRIVE		E DRIVE	04/09/2009	_X_ Officer (give title Other (specify		
				below) 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 0212	1 1075		Form filed by More than One Reporting		
SAN DIEGO	, CA 9212	1-19/3		Person		

(City)	(State)	(Zip) Tab	le I - Non-	Derivativo	e Secu	rities Acqu	iired, Disposed o	f, or Beneficia	ally 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 or(A) or Do (Instr. 3,	ispose 4 and (A)	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	04/09/2009		M	1,667 (1)	A	\$ 2.995	755,492	D	
Common Stock	04/09/2009		S	1,667 (1)	D	\$ 34.568 (2)	753,825	D	
Common Stock	04/09/2009		M	2,501 (1)	A	\$ 2.995	756,326	D	
Common Stock	04/09/2009		S	2,501 (1)	D	\$ 34.685 (3)	753,825	D	
	04/09/2009		M		A	\$ 2.995	755,492	D	

Common Stock			1,667 (1)			
Common Stock	04/09/2009	S	1,667 (1)	D	\$ 34.729 753,825 (4)	D
Common Stock	04/09/2009	M	1,667 (1)	A	\$ 2.995 755,492	D
Common Stock	04/09/2009	S	1,667 (1)	D	\$ 34.806 753,825 (5)	D
Common Stock	04/09/2009	M	1,667 (1)	A	\$ 2.995 755,492	D
Common Stock	04/09/2009	S	1,667 (1)	D	\$ 34.829 753,825 <u>(6)</u>	D
Common Stock	04/09/2009	M	1,667 (1)	A	\$ 2.995 755,492	D
Common Stock	04/09/2009	S	1,667 (1)	D	\$ 34.858 753,825 (7)	D
Common Stock	04/09/2009	M	1,667 (1)	A	\$ 2.995 755,492	D
Common Stock	04/09/2009	S	1,667 (1)	D	\$ 34.882 753,825 (8)	D
Common Stock	04/09/2009	M	1,667 (1)	A	\$ 2.995 755,492	D
Common Stock	04/09/2009	S	1,667 (1)	D	\$ 34.938 753,825 (9)	D
Common Stock	04/09/2009	M	1,667 (1)	A	\$ 2.995 755,492	D
Common Stock	04/09/2009	S	1,667 (1)	D	\$ 34.969 753,825 (10)	D
Common Stock	04/09/2009	M	2,501 (1)	A	\$ 2.995 756,326	D
Common Stock	04/09/2009	S	2,501 (1)	D	\$ 35.023 753,825 (11)	D
Common Stock	04/09/2009	M	5,820 (1)	A	\$ 2.995 759,645	D

Common Stock	04/09/2009	S	5,820 D	\$ 35.111 (12)	753,825	D	
Common Stock	04/09/2009	M	842 (1) A	\$ 3.95	754,667	D	
Common Stock	04/09/2009	S	842 <u>(1)</u> D	\$ 35.155 (13)	753,825	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 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (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. Transactic Code (Instr. 8)	ionof Derivative Securities		saction Derivative Expiration Date e Securities (Month/Day/Year) xr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4,		e Expiration Date (Month/Day/Year)		7. Title and Underlying (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	04/09/2009		M		1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6		
Non-Qualified Stock Option (right to buy)	\$ 2.995	04/09/2009		M		2,501 (1)	09/27/2008	09/27/2011	Common Stock	2,5		
Non-Qualified Stock Option (right to buy)	\$ 2.995	04/09/2009		M		1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6		
Non-Qualified Stock Option (right to buy)	\$ 2.995	04/09/2009		M		1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6		
Non-Qualified Stock Option	\$ 2.995	04/09/2009		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	04/09/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	04/09/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	04/09/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	04/09/2009	M	1,667 (1)	09/27/2008	09/27/2011	Common Stock	1,6
Non-Qualified Stock Option (right to buy)	\$ 2.995	04/09/2009	M	2,501 (1)	09/27/2008	09/27/2011	Common Stock	2,5
Non-Qualified Stock Option (right to buy)	\$ 2.995	04/09/2009	M	5,820 (1)	09/27/2008	09/27/2011	Common Stock	5,8
Non-Qualified Stock Option (right to buy)	\$ 3.95	04/09/2009	M	842 (1)	02/07/2004	01/07/2014	Common Stock	84

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
04/13/2009

**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 \$34.51 to \$34.64 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 \$34.64 to \$34.70 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

- Weighted average sale price representing 1,667 shares sold ranging from \$34.70 to \$34.79 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 \$34.79 to \$34.82 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 \$34.82 to \$34.83 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 \$34.83 to \$34.87 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 \$34.87 to \$34.92 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 \$34.92 to \$34.96 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 \$34.96 to \$34.98 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 2,501 shares sold ranging from \$34.98 to \$35.05 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 5,820 shares sold ranging from \$35.05 to \$35.15 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.
- (13) Weighted average sale price representing 842 shares sold ranging from \$35.15 to \$35.17 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.