FLATLEY JAY T Form 4

September 15, 2008

FORM 4

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

Check this box

if no longer subject to Section 16.

Form 4 or Form 5 obligations

may continue. See Instruction

1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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)

(Last)

1. Name and Address of Reporting Person * FLATLEY JAY T

9885 TOWNE CENTRE DRIVE

(First)

(Middle)

09/11/2008

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

2. Issuer Name and Ticker or Trading Symbol

ILLUMINA INC [ILMN]

3. Date of Earliest Transaction

(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

5. Relationship of Reporting Person(s) to

(Check all applicable)

President & CEO

10% Owner

_ Other (specify

OMB APPROVAL

Estimated average

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January 31,

2005

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Number:

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X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Issuer

below)

_X__ Director

X_ Officer (give title

SAN DIEGO, CA 92121-1975

(City)	(State)	(Zip) Tab	le I - Non-I	Derivative	Secu	rities Acq	uired, Disposed	of, 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. Transaction Code (Instr. 8)	4. Securities Acquired ansaction(A) or Disposed of (D) ode (Instr. 3, 4 and 5) astr. 8)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	09/11/2008		M	8,100 (1)	A	\$ 2.77	447,913	D	
Common Stock	09/11/2008		S	8,100 (1)	D	\$ 80.81 (2)	439,813	D	
Common Stock	09/11/2008		M	6,900 (1)	A	\$ 2.77	446,713	D	
Common Stock	09/11/2008		S	6,900 (1)	D	\$ 81.81 (3)	439,813	D	
							11,800	I	

Common by Stock Daughters

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

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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)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date		7. Title and Amour Underlying Securit (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)	\$ 2.77	09/11/2008		M	8,100 (1)	03/10/2003	02/10/2013	Common Stock	8,1
Non-Qualified Stock Option (right to buy)	\$ 2.77	09/11/2008		M	6,900 (1)	03/10/2003	02/10/2013	Common Stock	6,9

Reporting Owners

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

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By: Octavio Espinoza For: Jay T.
Flatley

09/15/2008

**Signature of Reporting Person Date

Reporting Owners 2

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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 sales price representing 8,100 shares sold ranging from \$80.37 to \$81.35 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 sales price representing 6,900 shares sold ranging from \$81.37 to \$82.13 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.