FLATLEY JAY T

Form 4

September 29, 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

OMB APPROVAL	
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(Print or Type Responses)

1. Name and Address of Reporting Person [*] **FLATLEY JAY T**	2. 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 (Month/Day/Year) 09/25/2008	(Check all applicable) _____ Director　　_____ 10% Owner __X__ Officer (give title _____ Other (specify below)　　below) President and CEO
9885 TOWNE CENTRE DR		
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person ___ Form filed by More than One Reporting Person
SAN DIEGO, CA 92121		
(City)　　(State)　　(Zip)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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 (A) or Disposed of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	09/25/2008		S		25,840 (3)	D	$ 40.66 (1)	853,786	D	
Common Stock	09/25/2008		S		4,160 (3)	D	$ 41.05 (2)	849,626	D	

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. Transaction Code (Instr. 8)		5. Number of 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 Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
								Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
				Code	V	(A)	(D)						

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FLATLEY JAY T 9885 TOWNE CENTRE DR SAN DIEGO, CA 92121			President and CEO	

Signatures

Octavio Espinoza for Jay T. Flatley	09/29/2008
**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) Weighted average sales price representing 25,840 shares sold ranging from $40.00 to $40.99 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.

(2) Weighted average sales price representing 4,160 shares sold ranging from $41.01 to $41.10 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.

(3) Sale was made pursuant to a 10(b)5-1 plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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