ORPIN TRISTAN

Form 4

September 17, 2009

FORM 4

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

OMB

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

3235-0287 Number: January 31, Expires:

2005

OMB APPROVAL

Section 16. Form 4 or Form 5

SECURITIES

Estimated average burden hours per response...

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

0.5

1(b).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * ORPIN TRISTAN			2. Issuer Name and Ticker or Trading Symbol ILLUMINA INC [ILMN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
9885 TOWNE CENTRE DRIVE		PRIVE	(Month/Day/Year) 09/15/2009	Director 10% OwnerX Officer (give title Other (specify below) Sr VP, Commercial Operations		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)		
SAN DIEGO, CA 92121-1975				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secui	rities Acqu	ired, Disposed of	, or Beneficiall	y 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. Securi on(A) or D (Instr. 3,	(A) or	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	09/15/2009		M	2,000 (1)	A	\$ 10.485	27,293	D	
Common Stock	09/15/2009		S	2,000 (1)	D	\$ 37.16	25,293	D	
Common Stock	09/17/2009		M	2,000 (1)	A	\$ 10.485	27,293	D	
Common	09/17/2009		S	2,000	D	\$ 40	25,293	D	

(1)

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 on 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 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)	\$ 10.485	09/15/2009		M	2,000 (1)	02/28/2006	01/30/2016	Common Stock	2,0
Non-Qualified Stock Option (right to buy)	\$ 10.485	09/17/2009		M	2,000 (1)	02/28/2006	01/30/2016	Common Stock	2,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ORPIN TRISTAN

9885 TOWNE CENTRE DRIVE SAN DIEGO, CA 92121-1975 Sr VP, Commercial Operations

Signatures

By: Octavio Espinoza For: Tristan B. Orpin

09/17/2009

**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.

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.

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