Cabou Christian Form 4 August 24, 2009

FORM 4

OMB

OMB APPROVAL

Check this box if no longer subject to Section 16.

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

3235-0287 Number:

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

January 31, Expires: 2005 Estimated average

Form 4 or Form 5 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

response... 0.5

burden hours per

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Cabou Christian			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	(Chook an approved)		
9885 TOWNE CENTRE DRIVE			(Month/Day/Year) 08/20/2009	Director 10% OwnerX Officer (give title Other (specify below) Sr VP & General Counsel		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
SAN DIEGO, CA 92121-1975			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly 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. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			Securities Form Beneficially (D) o Owned Indire		lirect (I) Ownership
Common Stock	08/20/2009		Code V	Amount 5,000 (1)	or (D)	Price \$ 13.7	(Instr. 3 and 4) 22,499	D	
Common Stock	08/20/2009		S	5,000 (1)	D	\$ 35.77 (2)	17,499	D	
Common Stock							1,000	I	by Spouse

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

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7 Title and Amour

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Expiration Date (Month/Day/Year)		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)	\$ 13.7	08/20/2009		M	5,000 (1)	05/30/2007	05/30/2016	Common Stock	5,0

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Name / Address	

Director 10% Owner Officer Other

Cabou Christian

1 Title of

9885 TOWNE CENTRE DRIVE Sr VP & General Counsel

3 Transaction Data 3A Danmad

SAN DIEGO, CA 92121-1975

Signatures

By: Octavio Espinoza For: Christian G.

Cabou 08/24/2009

**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.
- (2) Weighted average sale price representing 5,000 shares sold ranging from \$35.28 to \$35.96 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.

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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