Cabou Christian Form 4 April 20, 2009

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

OMB APPROVAL

response...

Estimated average burden hours per 0.5

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

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	(Check an applicable)		
9885 TOWNE	CENTRE D	RIVE	(Month/Day/Year) 04/16/2009	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, 0	CA 92121-1	975	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	le I - Non-I	Derivative	Secui	rities Acqu	ired, Disposed of	, 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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of 6. Securities Ow Beneficially For Owned (D) Following Ind	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	04/16/2009		M	4,800 (1)	A	\$ 20.04	22,299	D	
Common Stock	04/16/2009		S	4,800 (1)	D	\$ 35.739 (2)	17,499	D	
Common Stock	04/16/2009		M	3,200 (1)	A	\$ 20.04	20,699	D	
Common Stock	04/16/2009		S	3,200 (1)	D	\$ 36.27 (3)	17,499	D	
Common Stock							1,000	I	by Spouse

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(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 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 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)	\$ 20.04	04/16/2009		M	4,800 (1)	02/28/2007	01/25/2017	Common Stock	4,8
Non-Qualified Stock Option (right to buy)	\$ 20.04	04/16/2009		M	3,200 (1)	02/28/2007	01/25/2017	Common Stock	3,2

Reporting Owners

Raporting Owner Name / Address	Relationships
Reporting Owner Name / Address	-

Director 10% Owner Officer Other

Cabou Christian

9885 TOWNE CENTRE DRIVE Sr VP & General Counsel

SAN DIEGO, CA 92121-1975

Signatures

By: Octavio Espinoza For: Christian G.

Cabou 04/20/2009

**Signature of Reporting Person

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).

Date

- (1) The sale was made pursuant to a 10B5-1 plan.
- Weighted average sale price representing 4,800 shares sold ranging from \$35.00 to \$35.97 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 2

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(3) Weighted average sale price representing 3,200 shares sold ranging from \$36.00 to \$36.56 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.