Cabou Christian Form 4 April 15, 2011

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
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3235-0287

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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) 9885 TOWNE CENTRE DRIVE		(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
		DRIVE	(Month/Day/Year) 04/13/2011	Director 10% Owner _X_ 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 92121-1	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) Tab	le I - Non-	Derivative	Secu	rities Acqui	red, 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. 4. Securities Acquired (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5)			5. Amount of Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	04/13/2011		M	8,800 (1)	A	\$ 20.04	39,115	D	
Common Stock	04/13/2011		S	8,800 (1)	D	\$ 68.1821 (2)	30,315	D	
Common Stock	04/13/2011		M	1,200 (1)	A	\$ 20.04	31,515	D	
Common Stock	04/13/2011		S	1,200 (1)	D	\$ 68.8246 (3)	30,315	D	
	04/14/2011		M		A	\$ 32.485	37,315	D	

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Common Stock			7,000 (1)					
Common Stock	04/14/2011	S	7,000 (1)	D	\$ 67.267 (4)	30,315	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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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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Am or Nu of S
Non-Qualified Stock Option (right to buy)	\$ 20.04	04/13/2011		M	10,000 (1)	02/25/2007	01/25/2017	Common Stock	10
Non-Qualified Stock Option (right to buy)	\$ 32.485	04/14/2011		M	7,000 (1)	02/29/2008	01/29/2018	Common Stock	7,

Reporting Owners

Reporting Owner Name / Address		Relationships		
reporting owner rune, runess	Director	10% Owner	Officer	Other
Cabou Christian				
9885 TOWNE CENTRE DRIVE			Sr VP & General Counsel	
SAN DIEGO, CA 92121-1975				

Signatures

By: Scott M. Davies For: Christian G. 04/15/2011

**Signature of Reporting Person Date

Reporting Owners 2

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 8,800 shares sold ranging from \$67.73 to \$68.69 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 sale price representing 1,200 shares sold ranging from \$68.75 to \$68.91 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.
- Weighted average sale price representing 7,000 shares sold ranging from \$66.90 to \$67.55 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.