ILLUMINA INC

Form 4

December 31, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

Estimated average burden hours per

Form filed by More than One Reporting

Person

response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading STUELPNAGEL JOHN R Issuer Symbol ILLUMINA INC [ILMN] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner X_ Officer (give title _ Other (specify 9885 TOWNE CENTRE DRIVE 12/27/2007 below) Sr VP and COO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person

SAN DIEGO, CA 92121-1975

(State)

| (City) | (State) | Table | e I - Non-D | erivative | Secur | 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. Transactio Code (Instr. 8) | 4. Securin(A) or Di (Instr. 3, | spose | 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 | 12/27/2007 | | M | 5,000 | A | \$ 2.77 | 342,396 | D | |
| Common Stock | 12/27/2007 | | S | 5,000 | D | \$ 60.038 | 337,396 | D | |

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

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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 out Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | Expiration Date | | 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) | \$ 2.77 | 12/27/2007 | | M | 5,000 (1) | 03/10/2003 | 02/10/2013 | Common Stock | 5,0 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|---|---------------|-----------|---------------|-------|--|--|--|
| • 0 | Director | 10% Owner | Officer | Other | | | |
| STUELPNAGEL JOHN R 9885 TOWNE CENTRE DRIVE SAN DIEGO, CA 92121-1975 | X | | Sr VP and COO | | | | |

Signatures

By: Jeffrey Eidel For: John R. Stuelpnagel

12/31/2007

**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) Calculated using the weighted average price of securities sold under a single transaction 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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