ORPIN TRISTAN Form 4 July 22, 2010

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

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Number:

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January 31,
2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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).

Form 5

(Print or Type Responses)

| 1. Name and Address of Re ORPIN TRISTAN | eporting Person * | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer | | | |
|-------------------------------------------------|-------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------|--|--|--|
| | | ILLUMINA INC [ILMN] | (Check all applicable) | | | |
| (Last) (First) | (Middle) | 3. Date of Earliest Transaction | • | | | |
| 9885 TOWNE CENT | RE DRIVE | (Month/Day/Year) 07/20/2010 | Director 10% Owner _X_ Officer (give title Other (specify below) Sr VP & Chief Commercial Off. | | | |
| (Street) | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | | |
| (Last) (First) (Middle) 9885 TOWNE CENTRE DRIVE | 21-1975 | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| (City) (State) | (Zin) | | | | | |

| (City) | (State) (| Table Table | e I - Non-D | erivative | Secur | ities Acqu | uired, Disposed of | f, or Beneficiall | y Owned |
|------------------------|--------------------------------------|-------------------------------|------------------|--------------|-------|-------------|-----------------------------------|---------------------------|-------------------------|
| 1.Title of Security | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if | 3. Transactio | 4. Securi | | • | 5. Amount of Securities | 6. Ownership Form: Direct | 7. Nature of Indirect |
| (Instr. 3) | | any (Month/Day/Year) | Code (Instr. 8) | (Instr. 3, | 4 and | 5) | Beneficially Owned | (D) or Indirect (I) | Beneficial Ownership |
| | | | | | (A) | | Following Reported Transaction(s) | (Instr. 4) | (Instr. 4) |
| | | | Code V | Amount | (D) | Price | (Instr. 3 and 4) | | |
| Common Stock | 07/20/2010 | | M | 4,000 (1) | A | \$ 4.54 | 36,126 | D | |
| Common Stock | 07/20/2010 | | S | 4,000 (1) | D | \$ 43.52 | 32,126 | D | |

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

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SEC 1474

(9-02)

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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) | 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) | \$ 4.54 | 07/20/2010 | | M | 4,000 (1) | 02/20/2005 | 01/20/2015 | Common Stock | 4,0 |

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 & Chief Commercial Off.

Signatures

By: Octavio Espinoza For: Tristan B.
Orpin

07/22/2010

**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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