ULLAL VIJAY Form 4 February 16, 2010

FORM 4

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

OMB Number: 3235-0287

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OMB APPROVAL

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

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 * ULLAL VIJAY | | | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer | | | |
|-------------------------------------------------------|---------|----------|----------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|
| | | | MAXIM INTEGRATED PRODUCTS INC [MXIM] | (Check all applicable) | | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction | Director 10% Owner | | | |
| 100 GAN GARRIEL BRUE | | | (Month/Day/Year) | X Officer (give title Other (specification) below) | | | |
| 120 SAN GABRIEL DRIVE (Street) | | | 02/15/2010 | GROUP PRESIDENT | | | |
| | | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | | |
| | | | Filed(Month/Day/Year) | Applicable Line) | | | |
| SUNNYVALE, CA 94086 | | | | _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |

| (City) | (State) | (Zip) Table | e I - Non-D | erivative | Secur | ities Acq | uired, Disposed of | 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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) | | | 5. Amount of Securities Beneficially Owned Following Reported | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | Code V | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | |
| Common Stock | 02/15/2010 | | F | 1,450 | D | \$ 18.26 | 228,174 (1) | D | |
| Common Stock | 02/15/2010 | | F | 2,793 | D | \$ 18.26 | 225,381 (1) | D | |
| Common Stock | 02/15/2010 | | F | 91 | D | \$ 18.26 | 225,290 (1) | D | |
| Common Stock | 02/15/2010 | | F | 1,710 | D | \$ 18.26 | 223,580 (1) | D | |
| Common Stock | | | | | | | 62,500 | I | By GRAT 1 (2) |

Common Stock 62,500 I By GRAT $2^{(3)}$

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) | 4. Transactic Code (Instr. 8) | 5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | ate | Amount Underly Securiti | Title and amount of Underlying ecurities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr |
|-----------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------|---------------------|--------------------|-------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------|
| | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title N | Number | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ULLAL VIJAY

120 SAN GABRIEL DRIVE GROUP PRESIDENT SUNNYVALE, CA 94086

Signatures

By: Mark Casper For: Vijay G Ullal 02/15/2010

**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) Represents unvested Restricted Stock Units and Common Stock.
- (2) These shares were previously reported as directly beneficially owned but were contributed to the Vijay Ullal Grantor Retained Annuity Trust on May 12, 2009.
- (3) These shares were previously reported as directly beneficially owned but were contributed to the Jayshree Ullal Grantor Retained Annuity Trust on May 12, 2009

Reporting Owners 2

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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.