Morris Michael Joseph Form 4 November 04, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 Fi 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

e Instruction 30(II) of the Investment C

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person * Morris Michael Joseph | 2. Issuer Name and Ticker or Trading Symbol KULICKE & SOFFA INDUSTRIES INC [KLIC] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |
|---|---|--|
| (Last) (First) (Middle) 1005 VIRGINIA DRIVE | 3. Date of Earliest Transaction (Month/Day/Year) 11/02/2010 | Director 10% Owner _X_ Officer (give title Other (specify below) Chief Financial Officer |
| (Street) FORT WASHINGTON, PA US 19034 | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line) _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 o | 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. Transactic Code (Instr. 8) | 4. Securi on(A) or Di (Instr. 3, | (A) or | 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 | 11/02/2010 | | S | 38 (1) | D | \$ 6.125 | 34,139 | D | |
| Common Stock | 11/02/2010 | | S | 2,608 (1) | D | \$ 6.12 | 31,531 | D | |
| | | | | | | | | | Ву |

| Stock | <u>~~</u> | | | |
|-----------------|-----------|-----|---|--|
| Common Stock | | 721 | I | By Kulicke and Soffa Incentive Savings |

Plan

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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 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | isable and | 7. Title | and | 8. Price of |
|-------------|-------------|---------------------|--------------------|-----------|------------------------------|------------------|------------|----------|----------|-------------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transac | ctionNumber | Expiration Da | ate | Amour | nt of | Derivative |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Underl | ying | Security |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8 | Derivative | e | | Securit | ties | (Instr. 5) |
| | Derivative | | | | Securities | | | (Instr. | 3 and 4) | |
| | Security | | | | Acquired | | | | | |
| | | | | | (A) or | | | | | |
| | | | | | Disposed | | | | | |
| | | | | | of (D) | | | | | |
| | | | | | (Instr. 3, | | | | | |
| | | | | | 4, and 5) | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | Amount | |
| | | | | | | Date | Expiration | | or | |
| | | | | | | Exercisable Date | Date | | | |
| | | | | | | | | | of | |
| | | | | Code | V (A) (D) | | | | Shares | |

Reporting Owners

| Reporting Owner Name / Address | Relationships |
|---------------------------------|---------------|
| Reporting Owner Maine / Address | |

Director 10% Owner Officer Other

Morris Michael Joseph Chief
1005 VIRGINIA DRIVE Financial
FORT WASHINGTON, PA US 19034 Officer

Signatures

Susan L. Waters, Attorney-in-Fact for Michael Joseph Morris

**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 shares covered by this Form 4 were sold pursuant to a Rule 10b5-1(c) sales plan dated May 10, 2010, which was adopted for the purpose of funding withholding taxes arising as a result of a partial vesting of an employee restricted stock award.

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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