Mak Tek Chee Form 4 December 12, 2012

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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obligations

may continue.

Check this box

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

See Instruction 1(b).

(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 Mak Tek Chee Issuer Symbol **KULICKE & SOFFA INDUSTRIES** (Check all applicable) INC [KLIC] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner _X__ Officer (give title Other (specify (Month/Day/Year) below) 1005 VIRGINIA DRIVE 12/10/2012 Vice President Sales (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 Form filed by More than One Reporting FORT WASHINGTON, PA US Person

19034

Stock

| (City) | (State) | (Zip) Tabl | e I - Non-I | Derivative | Secui | 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. Transactic Code (Instr. 8) | 4. Securi on(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 | 12/10/2012 | | S | 100 | D | \$ 11.9 | 79,538 | D | |
| Common Stock | 12/10/2012 | | S | 300 | D | \$ 11.89 | 79,238 | D | |
| Common Stock | 12/10/2012 | | S | 700 | D | \$ 11.88 | 78,538 | D | |
| Common Stock | 12/10/2012 | | S | 800 | D | \$ 11.86 | 77,738 | D | |
| Common Stock | 12/10/2012 | | S | 1,300 | D | \$ 11.85 | 76,438 | D | |

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| Common Stock | 12/10/2012 | S | 1,500 | D | \$ 11.84 74,938 | D |
|-----------------|------------|---|-------|---|---------------------|---|
| Common Stock | 12/10/2012 | S | 4,835 | D | \$ 11.83 70,103 | D |
| Common Stock | 12/10/2012 | S | 100 | D | \$ 11.82 70,003 | D |
| Common Stock | 12/10/2012 | S | 700 | D | \$ 11.81 69,303 | D |
| Common Stock | 12/10/2012 | S | 100 | D | \$ 11.805 69,203 | 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) | | 3. Transaction Date (Month/Day/Year) | 4. Transacti Code (Instr. 8) | 5. orNumber of Derivative Securities Acquired (A) or Disposed | . | ate | 7. Title Amoun Underly Securit (Instr. 3 | nt of ying | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene Owne Follo Repo Trans |
|---|----------|--------------------------------------|---------------------------------------|--|---------------------|-----------------|--|---------------|---|---|
| | Security | | | • | | | | | | |
| | | | | Disposed of (D) | | | | | | Trans (Instr |
| | | | | (Instr. 3, 4, and 5) | | | | | | (Instr |
| | | | | | | | | Amount | | |
| | | | | | Date Exercisable | Expiration Date | Title 1 | or Number | | |
| | | | Code V | (A) (D) | | | | of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | | |
|--------------------------------|---------------|-----------|---------|-------|--|--|--|--|
| | Director | 10% Owner | Officer | Other | | | | |

Mak Tek Chee

1005 VIRGINIA DRIVE Vice President Sales

FORT WASHINGTON, PA US 19034

Signatures

Susan L. Waters, Attorney-in-Fact for Tek
Chee Mak

12/12/2012

Reporting Owners 2

**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).

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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