Schindler Alan Bruce Form 4 February 28, 2012

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

response... 0.5

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

Check this box

obligations may continue. See Instruction

(Middle)

(Zip)

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 * Schindler Alan Bruce

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol

KULICKE & SOFFA INDUSTRIES

(Check all applicable)

Senior Vice President

INC [KLIC]

3. Date of Earliest Transaction

(Month/Day/Year)

Director 10% Owner Other (specify X_ Officer (give title below)

6 SERANGOON NORTH AVENUE 02/24/2012

5, #03-16

(City)

(Last)

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

SINGAPORE U0 554910

| (Chij) | (State) | Table 1 - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securi on(A) or D (Instr. 3, | ispose | 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 | 02/24/2012 | | S | 400 | D | \$ 11.161 | 73,714 | D | |
| Common Stock | 02/24/2012 | | S | 315 | D | \$ 11.16 | 73,399 | 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 | 2. | 3. Transaction Date | | 4. T | 5. | 6. Date Exer | | 7. Titl | | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|------------|------------|---------------------|-----------------|---------|------------|-------------|---------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | | ionNumber | Expiration D | | Amou | | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day | (Year) | | rlying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivativ | e | | Secur | ities | (Instr. 5) | Bene |
| | Derivative | | | | Securities | 3 | | (Instr. | . 3 and 4) | | Owne |
| | Security | | | | Acquired | | | | | | Follo |
| | Ť | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | (211512 |
| | | | | | 4, and 5) | | | | | | |
| | | | | | 4, and 3) | | | | | | |
| | | | | | | | | | Amount | | |
| | | | | | | . | . | | or | | |
| | | | | | | Date Exercisable | Expiration Date | Title | Number | | |
| | | | | | | | | | of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Schindler Alan Bruce

SINGAPORE U0 554910

6 SERANGOON NORTH AVENUE 5

#03-16

Senior Vice President

Signatures

Susan L. Waters, Attorney-in-Fact for Alan B. Schindler

imater

02/28/2012

**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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