

Livingston Jason
Form 4
May 13, 2010

FORM 4

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

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF
SECURITIES**

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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
Livingston Jason

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
(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
05/11/2010

____ Director ____ 10% Owner
____X____ Officer (give title ____ Other (specify
below) below)
VP Wedge Bonding

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 I - 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. Transaction Code (Instr. 8)	4. Securities Acquired or Disposed of (D) (Instr. 3, 4 and 5) (A) or (D) Code V Amount Price	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	05/11/2010		S	7,200 (1) D \$ 7.2726	124,937	I	By OE Holdings Inc., formerly Orthodyne Electronics Inc.
Common Stock	05/12/2010		S	7,200 (1) D \$ 7.3372	117,737	I	By OE Holdings Inc., formerly

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Orthodyne
Electronics
Inc.

Common Stock	12,500	D
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Common Stock	994	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.

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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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of 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 Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Report Transaction (Instr. 6)
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Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Code	V	(A)	(D)

Reporting Owners

Reporting Owner Name / Address

Relationships

Director	10% Owner	Officer	Other
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Livingston Jason
1005 VIRGINIA DRIVE
FORT WASHINGTON, PA US 19034

VP
Wedge
Bonding

Signatures

Susan L. Waters, Attorney-in-Fact for Jason
Livingston

05/13/2010

**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 shares covered by this Form 4 were sold pursuant to a Rule 10b5-1(c) sales plan of OE Holdings Inc. dated August 17, 2009.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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