

Livingston Jason
 Form 4
 February 26, 2010

FORM 4

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

OMB APPROVAL

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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

(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)
 02/24/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify 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)
 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 (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)			
			Code	V	Amount	(D)	Price			
Common Stock	02/24/2010		S		7,200 <u>(1)</u>	D	\$ 6.6706	306,360	I	By OE Holdings Inc., formerly Orthodyne Electronics Inc.
Common Stock	02/24/2010		S		10,000 <u>(2)</u>	D	\$ 6.6752	513,686	D	
Common Stock	02/25/2010		S		7,200 <u>(1)</u>	D	\$ 6.5087	299,160	I	By OE Holdings

Inc.,
formerly
Orthodyne
Electronics
Inc.

Common Stock	02/25/2010	S	10,000 (2)	D	\$ 6.5204	503,686	D
Common Stock	02/26/2010	S	7,200 (1)	D	\$ 6.5814	291,960	I
Common Stock	02/26/2010	S	10,000 (2)	D	\$ 6.6179	493,686	D

By OE
Holdings
Inc.,
formerly
Orthodyne
Electronics
Inc.

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)	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 Transaction (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Livingston Jason 1005 VIRGINIA DRIVE			VP Wedge	

FORT WASHINGTON, PA US 19034

Bonding

Signatures

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

02/26/2010

 **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.
- (2) The shares covered by this Form 4 were sold pursuant to a Rule 10b5-1(c) sales plan 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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