Livingston Jason Form 4 January 08, 2010

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287

Check this box if no longer subject to Section 16.

Washington, D.C. 20549 Number:

January 31, Expires: 2005

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

Estimated average burden hours per 0.5 response...

Form 4 or Form 5 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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Livingston Jason			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			KULICKE & SOFFA INDUSTRIES INC [KLIC]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	Director 10% Owner			
			(Month/Day/Year)	X Officer (give title Other (specify below)			
1005 VIRGINIA DRIVE			01/06/2010	VP Wedge Bonding			
	(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 Person			
FORT WASH	INGTON, P	A US					

19034

(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. Transactic Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed of (• •	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	01/06/2010		S	7,200 (1)	D	\$ 5.5228	454,694	I	By OE Holdings Inc., formerly Orthodyne Electronics Inc.			
Common Stock	01/06/2010		S	10,000 (2)	D	\$ 6.006	656,445	D				
Common Stock	01/07/2010		S	7,200 (1)	D	\$ 5.8835	447,494	I	By OE Holdings			

Inc., formerly Orthodyne Electronics Inc.

Common Stock 01/07/2010

S 10,000 (2)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

D \$ 6.0083

646,445

D

SEC 1474 (9-02)

Shares

9. Nu

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(Insti

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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 3A. Deemed 5. 6. Date Exercisable and 7. Title and 8. Price of Derivative Conversion (Month/Day/Year) Execution Date, if TransactionNumber **Expiration Date** Amount of Derivative Security or Exercise Code of (Month/Day/Year) Underlying Security (Instr. 3) Price of (Month/Day/Year) (Instr. 8) Derivative Securities (Instr. 5) Derivative Securities (Instr. 3 and 4) Acquired Security (A) or Disposed of (D) (Instr. 3, 4, and 5) Amount or Expiration Title Number Date Exercisable Date of

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Code V (A) (D)

Livingston Jason VP
1005 VIRGINIA DRIVE Wedge
FORT WASHINGTON, PA US 19034 Bonding

Signatures

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

Livingston 01/08/2010

**Signature of Reporting Person Date

Reporting Owners 2

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. 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.