Livingston Jason Form 4 February 08, 2010

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

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

January 31, Expires: 2005 Estimated average

OMB APPROVAL

Form 5 obligations may continue.

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

burden hours per 0.5 response...

See Instruction 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 (Month/Day/Year)	Director 10% OwnerX_ Officer (give title Other (specify			
1005 VIRGINIA DRIVE			02/04/2010	below) below) VP Wedge Bonding			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
FORT WASHII	NGTON, PA	A US	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

FORT	WASHINGTON, PA	US
19034		

(City)	(State)	(Zip) Tal	ble I - Non	-Derivativ	e Secu	rities Acqu	iired, Disposed o	of, or Benefic	ially 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 corr 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	02/04/2010		S	7,200 (1)	D	\$ 5.636	399,960	I	By OE Holdings Inc., formerly Orthodyne Electronics Inc.
Common Stock	02/05/2010		S	7,200 (1)	D	\$ 5.6595	392,760	I	By OE Holdings Inc., formerly

Orthodyne Electronics,

Inc.

Common 02/05/2010 Stock

S

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

10,000 D \$ 6.0182 633,686

D

SEC 1474

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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)	4. Transact Code (Instr. 8)	5. ioiNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	.	ate	Amou Under Secur	rlying	8. Price of Derivative Security (Instr. 5)	9 1 1 1 1 1 1 ()
			Code V	7 (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

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

Signatures

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

Livingston 02/08/2010

> **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.

Reporting Owners 2

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(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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