Livingston Jason Form 4 December 22, 2009

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

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

1(b).

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obligations

may continue.

See Instruction

(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% Owner Other (specify			
1005 VIRGINIA DRIVE	12/18/2009	below) below) VP Wedge Bonding			
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
FORT WASHINGTON, PA US 19034	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tak	ole I - Non-	-Derivativ	e Seci	urities Acq	uired, Disposed	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. Securi on(A) or Do (Instr. 3,	(A) or	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	12/18/2009		S	52 <u>(1)</u>	D	\$ 5.5	500,702	I	By OE Holdings Inc., formerly Orthodyne Electronics Corporation
Common Stock	12/21/2009		S	4,752 (1)	D	\$ 5.5054	495,950	I	By OE Holdings Inc., formerly

								Orthodyne Electronics Corporation
Common Stock	12/22/2009	S	4,752 (1)	D	\$ 5.6724	491,198	I	By OE Holdings Inc., formerly Orthodyne Electronics Corporation
Common Stock	12/22/2009	S	2,448 (1)	D	\$ 5.5188	488,750	I	By OE Holdings Inc., formerly Orthodyne Electronics Corporation
Common Stock						666,445	D	

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

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(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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	4.	5.	6. Date Exer	cisable and	7. Title	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration D	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ	re		Securit	ties	(Instr. 5)
	Derivative				Securities	S		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
						Exercisable Date	•		Number	
								of		
				Code '	V (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer

Director 10% Owner Officer Other

Reporting Owners 2

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

Signatures

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

12/22/2009

**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. 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.

Signatures 3