Kelly Gregg Form 3 October 10, 2008

### FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

OMB APPROVAL

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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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person \* Statement KULICKE & SOFFA INDUSTRIES INC [klic] A Kelly Gregg (Month/Day/Year) 10/03/2008 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 1005 VIRGINIA DRIVE (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) 10% Owner Director \_X\_ Form filed by One Reporting \_X\_\_ Officer Other Person (give title below) (specify below) FT. Form filed by More than One President, Orthodyne Division WASHINGTON, PAÂ 19034 Reporting Person (State) (City) (Zip) Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities 4. Nature of Indirect Beneficial 1. Title of Security (Instr. 4) Beneficially Owned Ownership Ownership (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) By Orthodyne Electronics Common Stock Ι 2,014,235 Corporation (1) Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
(Instr. 4)	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial Ownership
	(Month/Day/Year)	Derivative Security	or Exercise	Form of	(Instr. 5)
		(Instr. 4)	Price of	Derivative	
		Title	Derivative	Security:	
			Security	Direct (D)	

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Date	Expiration	Amount or	or Indirect
Exercisable	Date	Number of	(I)
		Shares	(Instr. 5)

#### **Reporting Owners**

Reporting Owner Name / Address	Relationships				
. 8	Director	10% Owner	Officer	Other	
Kelly Gregg 1005 VIRGINIA DRIVE FT. WASHINGTON, PA 19034	Â	Â	President, Orthodyne Division	Â	
Signatures					
Susan L. Waters, Attorney-in-Fact for Gr	egg	10/10/2000			

10/10/2008 Kelly

\*\*Signature of Reporting Person

## **Explanation of Responses:**

- If the form is filed by more than one reporting person, see Instruction 5(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).
- These securities represent the reporting person's proportionate share of the 7,117,438 shares of Common Stock held by Orthodyne Electronics Corporation as of October 3, 2008. The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein, and this report shall not be deemed an admission that the reporting person is the beneficial owner of such securities for purposes of Section 16 or for any other purposes.

Date

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.

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