Torton Shay Form 3 December 12, 2008

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement KULICKE & SOFFA INDUSTRIES INC [klic] **Â** Torton Shay (Month/Day/Year) 12/04/2008 (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) **FORT** Form filed by More than One Vice President, Manufacturing WASHINGTON, PAÂ 19034 Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities 4. Nature of Indirect Beneficial 1. Title of Security Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Common Stock D Â 44,030 Common Stock 1,000 I By K&S Incentive Savings Plan 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 required to respond unless the form displays a

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

currently valid OMB control number.

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

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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Option to Buy - Option Plan	10/02/2008(1)	10/02/2017	Common Stock	13,375	\$ 8.74	D	Â
Option to Buy - Option Plan	10/03/2007(2)	10/03/2016	Common Stock	12,375	\$ 8.5	D	Â
Option to Buy - Option Plan	10/29/2005(3)	10/29/2014	Common Stock	27,000	\$ 7.14	D	Â
Option to Buy - Option Plan	10/07/2004(4)	10/07/2013	Common Stock	16,000	\$ 12.05	D	Â
Option to Buy - Option Plan	10/03/2003(5)	10/03/2012	Common Stock	14,000	\$ 2.95	D	Â
Option to Buy - Option Plan	11/20/2002(6)	11/20/2011	Common Stock	23,000	\$ 16.12	D	Â
Option to Buy - Option Plan	10/19/2001(7)	10/19/2010	Common Stock	18,800	\$ 14.375	D	Â
Option to Buy - Option Plan	09/28/2000(8)	09/28/2009	Common Stock	18,200	\$ 12.9375	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
Torton Shay 1005 VIRGINIA DRIVE FORT WASHINGTON, PA 19034	Â	Â	Vice President, Manufacturing	Â	

Signatures

Susan L. Waters, Attorney-in-Fact for Shay Torton 12/12/2008

**Signature of Reporting Person Date

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).
- (1) 4,458 options currently exercisable and 4,458 options become exercisable on 10/2/09 and 4,459 options become exercisable on 10/2/10.
- (2) 8,250 options currently exercisable and 4,125 options become exercisable on 10/3/09.
- (3) 4,500 options become exercisable on 10/29/09.
- (4) 16,000 options currently exercisable.
- (5) 14,000 options currently exercisable.
- (6) 23,000 options currently exercisable.

Reporting Owners 2

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- (7) 18,800 options currently exercisable.
- (8) 18,200 options currently exercisable.

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.