**Torton Shay** Form 4 April 16, 2010

## FORM 4

## **OMB APPROVAL**

## 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 Form 5

obligations

may continue.

See Instruction

January 31, Expires:

2005 Estimated average burden hours per 0.5 response...

#### 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).

(Print or Type Responses)

1. Name and Address of Reporting Person * Torton Shay			2. Issuer Name and Ticker or Trading Symbol KULICKE & SOFFA INDUSTRIES INC [KLIC]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last) (First) (Middle) 1005 VIRGINIA DRIVE		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 04/14/2010	Director 10% Owner X Officer (give title Other (specify below) Senior Vice President		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
FORT WASHI	NGTON, P	A US		Form filed by More than One Reporting Person		

# 19034

(City)	(State) (	Zip) Table	e I - Non-D	erivative S	Securi	ties Acq	uired, Disposed o	of, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following Reported	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	04/14/2010		M	8,019	A	\$ 2.95	45,853	D	
Common Stock	04/14/2010		S	8,019 (1)	D	\$ 9.12	37,834	D	
Common Stock	04/14/2010		M	10,000	A	\$ 7.14	47,834	D	
Common Stock	04/14/2010		S	10,000 (1)	D	\$ 9.5	37,834	D	
Common Stock							8,865	I	By Kulicke and Soffa

Incentive Savings Plan

(9-02)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transact Code (Instr. 8)	cionE S O O (!	5. Number of Derivative Securities Acquired (A) or Disposed of D) Instr. 3, 4,	ative Expiration Date ties (Month/Day/Year) red (A) posed of  3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V		(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Option to Buy-Option Plan	\$ 2.95	04/14/2010		M		8,019	(2)	10/03/2012	Common Stock	8,019
Option to Buy-Option Plan	\$ 7.14	04/14/2010		M		10,000	(2)	10/29/2014	Common Stock	10,000

# **Reporting Owners**

Reporting Owner Name / Address	Keiauonsnips						
	Director	10% Owner	Officer	Other			

**Torton Shay** 

1005 VIRGINIA DRIVE Senior Vice President FORT WASHINGTON, PA US 19034

**Signatures** 

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

Torton 04/16/2010

> \*\*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).

Reporting Owners 2

## Edgar Filing: Torton Shay - Form 4

- (1) The shares covered by this Form 4 were sold pursuant to a Rule 10b5-1(c) sales plan dated August 26, 2009.
- (2) Grant had a graded vesting schedule. All options vested 4 years after grant.

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.