

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 Person * Torton Shay (Last) (First) (Middle)  1005 VIRGINIA DRIVE (Street)  FORT WASHINGTON, PA 19034 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 12/04/2008	3. Issuer Name and Ticker or Trading Symbol KULICKE & SOFFA INDUSTRIES INC [klic]	4. Relationship of Reporting Person(s) to Issuer  (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) Vice President, Manufacturing	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	44,030	D	
Common Stock	1,000	I	By K&S Incentive Savings Plan

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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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 <sup>(1)</sup>	10/02/2017	Common Stock	13,375	\$ 8.74	D	Â
Option to Buy - Option Plan	10/03/2007 <sup>(2)</sup>	10/03/2016	Common Stock	12,375	\$ 8.5	D	Â
Option to Buy - Option Plan	10/29/2005 <sup>(3)</sup>	10/29/2014	Common Stock	27,000	\$ 7.14	D	Â
Option to Buy - Option Plan	10/07/2004 <sup>(4)</sup>	10/07/2013	Common Stock	16,000	\$ 12.05	D	Â
Option to Buy - Option Plan	10/03/2003 <sup>(5)</sup>	10/03/2012	Common Stock	14,000	\$ 2.95	D	Â
Option to Buy - Option Plan	11/20/2002 <sup>(6)</sup>	11/20/2011	Common Stock	23,000	\$ 16.12	D	Â
Option to Buy - Option Plan	10/19/2001 <sup>(7)</sup>	10/19/2010	Common Stock	18,800	\$ 14.375	D	Â
Option to Buy - Option Plan	09/28/2000 <sup>(8)</sup>	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	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.

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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.

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