Liaw Yih-Shyan Wally Form 4 August 20, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

OMB APPROVAL

Check this box if no longer subject to Section 16.

Washington, D.C. 20549

January 31, Expires: 2005

Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

Issuer

obligations may continue. See Instruction

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

2. Issuer Name and Ticker or Trading

Symbol

1(b).

(Print or Type Responses)

Liaw Yih-Shyan Wally

1. Name and Address of Reporting Person *

		Super Micro Computer, Inc. [SMCI]				MCI]	(Cha	~)		
(Last) (First) (Middle) 980 ROCK AVE.			(Month/D	3. Date of Earliest Transaction (Month/Day/Year) 08/18/2009				(Check all applicable) X Director		
(Street) SAN JOSE, CA 95131				4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting		
			7:)					Person		
	(City)	(State)	Zip) Tabl	e I - Non-D	erivative S	Securi	ities 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. Transaction Code (Instr. 8)	(D) (Instr. 3,	4 and (A) or	d of	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	08/18/2009		M	3,000	A	\$ 1.25	3,000	I	By Spouse
	Common Stock	08/18/2009		S	2,901	D	\$ 7.5	99	I	By Spouse
	Common Stock	08/18/2009		S	99	D	\$ 7.55	0	I	By Spouse
	Common Stock							150,000	D	
	Common Stock							600,000	I	By Self as Trustee for YSL

			Grantor Retained Trust
Common Stock	1,760,000	I	By Liaw Family Trust (1)
Common Stock	600,000	I	By SML Grantor Retained Trust (1)
Reminder: Report on a separate line for each class of securities benefic	ially owned directly or indirectly.		
	Persons who respond to the colle information contained in this form required to respond unless the fodisplays a currently valid OMB conumber.	n are not rm	SEC 1474 (9-02)

 ${\bf Table~II~- Derivative~Securities~Acquired, Disposed~of, or~Beneficially~Owned}$ $(e.g.,\,\mathrm{puts},\,\mathrm{calls},\,\mathrm{warrants},\,\mathrm{options},\,\mathrm{convertible}\,\,\mathrm{securities})$

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. Transacti Code (Instr. 8)	Transaction Derivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 1.25	08/18/2009		M	3,00	0 (2)	07/01/2014	Common Stock	3,000	

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
Liaw Yih-Shyan Wally 980 ROCK AVE. SAN JOSE, CA 95131	X	X	Secretary & V P of Intl Sales				
Liaw Shiow-Meei S 980 ROCK AVE.				Spouse of reporting person			

Reporting Owners 2 SAN JOSE, CA 95131

Signatures

/s/ Winnie Tsai, as Attorney-in-Fact

08/20/2009

**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) These shares are held in a trust for the benefit of the reporting person's children. The reporting person and her spouse, Yih-Shyan Wally Liaw, are the trustees of the trust.
- (2) The stock option is fully vested.

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