

Tsai Hwei-Ming Fred
 Form 4/A
 February 08, 2011

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Tsai Hwei-Ming Fred

(Last) (First) (Middle)

SUPER MICRO COMPUTER, INC., 980 ROCK AVE

(Street)

SAN JOSE, CA 95131

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Super Micro Computer, Inc. [SMCI]

3. Date of Earliest Transaction (Month/Day/Year)

01/28/2011

4. If Amendment, Date Original Filed(Month/Day/Year)

02/02/2011

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 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) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| | | | | (A) or (D) | Price | | |
| Common Stock | 01/28/2011 | | M | 5,000 A | \$ 1.25 | 5,000 | I |

By
 Li-Juan
 Chi Tsai
 Trustee
 and Hwei
 Ming Tsai
 Trustee
 for the
 benefit of
 Tsai
 Family
 Trust ⁽²⁾

| | | | | | | | | |
|--------------|------------|---|-----------------------------|---|------------|---------|---|---------------------------------------------------------------------------------------------------------------------------------------------|
| Common Stock | 01/28/2011 | S | <u>5,000</u> ⁽¹⁾ | D | \$ 14.0156 | 0 | I | By Li-Juan Chi Tsai Trustee and Hwei Ming Tsai Trustee for the benefit of Tsai Family Trust ⁽²⁾ |
| Common Stock | 01/28/2011 | S | <u>5,000</u> ⁽¹⁾ | D | \$ 14.0152 | 320,000 | I | By Li-Juan Chi Tsai Trustee and Hwei Ming Tsai Trustee for the benefit of Tsai Family Trust ⁽²⁾ |
| Common Stock | 01/31/2011 | M | 5,000 | A | \$ 1.25 | 5,000 | I | By Li-Juan Chi Tsai Trustee and Hwei Ming Tsai Trustee for the benefit of Tsai Family Trust ⁽²⁾ |
| Common Stock | 01/31/2011 | S | <u>5,000</u> ⁽¹⁾ | D | \$ 14.3358 | 0 | I | By Li-Juan Chi Tsai Trustee and Hwei Ming Tsai Trustee for the benefit of Tsai Family Trust ⁽²⁾ |

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| | | | | | | | | |
|--------------|------------|---|---------------------|---|------------|---------|---|----------------------------------------------------------------------------------------------------------------------------------|
| Common Stock | 01/31/2011 | S | <u>5,000</u> (1) | D | \$ 14.3367 | 315,000 | I | By Li-Juan Chi Tsai Trustee and Hwei Ming Tsai Trustee for the benefit of Tsai Family Trust (2) |
| Common Stock | 02/01/2011 | M | 5,000 | A | \$ 1.25 | 5,000 | I | By Li-Juan Chi Tsai Trustee and Hwei Ming Tsai Trustee for the benefit of Tsai Family Trust (2) |
| Common Stock | 02/01/2011 | S | <u>5,000</u> (1) | D | \$ 14.2508 | 0 | I | By Li-Juan Chi Tsai Trustee and Hwei Ming Tsai Trustee for the benefit of Tsai Family Trust (2) |
| Common Stock | 02/01/2011 | S | <u>5,000</u> (1) | D | \$ 14.2447 | 310,000 | I | By Li-Juan Chi Tsai Trustee and Hwei Ming Tsai Trustee for the benefit of Tsai Family Trust (2) |

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Common Stock 25,000 D

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

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(9-02)

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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|-------------------------------|
| Stock Option (right to buy) | \$ 1.25 | 01/28/2011 | | M | 5,000 | <u>(3)</u> 06/30/2011 | Common Stock | 5,000 |
| Stock Option (right to buy) | \$ 1.25 | 01/31/2011 | | M | 5,000 | <u>(3)</u> 06/30/2011 | Common Stock | 5,000 |

| | | | | | | | | |
|--------------------------------------|---------|------------|---|-------|------------|------------|-----------------|-------|
| Stock Option (right to buy) | \$ 1.25 | 02/01/2011 | M | 5,000 | <u>(3)</u> | 06/30/2011 | Common Stock | 5,000 |
|--------------------------------------|---------|------------|---|-------|------------|------------|-----------------|-------|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|-----------------------------------------------------------------------------------------|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Tsai Hwei-Ming Fred SUPER MICRO COMPUTER, INC. 980 ROCK AVE SAN JOSE, CA 95131 | X | | | |

Signatures

/s/Howard Hideshima,
Attorney-In-Fact

02/08/2011

**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) The sale reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan as amended on May 7, 2010.
- (2) These shares are held in a trust for the benefit of the reporting person's children. The reporting person and his spouse, Li-Juan Chi Tsai, are the trustees of the trust.
- (3) Fully 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.