SANGHI STEVE Form 4

June 26, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

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SECURITIES obligations may continue.

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

See Instruction 1(b).

(Print or Type Responses)

(Last)

1. Name and Address of Reporting Person * **SANGHI STEVE**

2. Issuer Name and Ticker or Trading

Issuer

5. Relationship of Reporting Person(s) to

Symbol

MICROCHIP TECHNOLOGY INC

(Check all applicable)

President, CEO, Chairman

[MCHP]

06/22/2006

(Middle)

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

_X__ Director X_ Officer (give title below)

Other (specify

10% Owner

C/O MICROCHIP TECHNOLOGY **INCORPORATED, 2355 WEST** CHANDLER BOULEVARD

(First)

(Street) 4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

6. Individual or Joint/Group Filing(Check

CHANDLER, AZ 85224-6199

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership or Indirect Following (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) (D) Price Code V Amount Held

Directly and

Common 06/22/2006 Stock

51.029 A $3,590,738 \stackrel{(1)}{=} I$ M

Indirectly, by Trust (1)

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

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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. Transactic Code (Instr. 8) | 5. Number of or 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) | |
|---|---|--------------------------------------|---|--|--|-------|--|--------------------|---|-------------------------------------|
| | | | | Code V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Common Stock Option (Right to Buy) | \$ 4.987 | 06/22/2006 | | M | 5 | 1,029 | 07/02/2000 | 07/02/2006 | Common Stock | 51,029 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | |
|--|---------------|-----------|--------------------------|-------|--|
| 1 | Director | 10% Owner | Officer | Other | |
| SANGHI STEVE C/O MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BOULEVARD CHANDLER, AZ 85224-6199 | X | | President, CEO, Chairman | | |

Signatures

Deborah L. Wussler, as 06/26/2006 Attorney-in-Fact **Signature of Reporting Person

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).

Date

(1) Of the 3,590,738 shares held, 25,703 shares were held Directly; 3,565,035 shares were held by Trust.

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.

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