Hsu Chi-Ping Form 4 July 24, 2009

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

January 31, Expires: 2005

Form 5 obligations

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF Estimated average **SECURITIES** burden hours per response...

0.5

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)

may continue.

See Instruction

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Hsu Chi-Ping

Security

(Instr. 3)

1(b).

Symbol MoSys, Inc. [mosy]

(Check all applicable)

(First) (Last)

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

X_ Director 10% Owner

755 N. MATHILDA AVE.

07/23/2009

Other (specify Officer (give title below)

(Middle)

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

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

(Instr. 8)

X 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

SUNNYVALE, CA 94085

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed

(Street)

4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D) 5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Indirect Beneficial Owned Ownership Following (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

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

(Month/Day/Year)

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)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 3. Transaction Date 3A. Deemed 5. Number of 6. Date Exercisable and 7. Title and Amount of 4 Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative **Expiration Date Underlying Securities** Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) (Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A)

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Derivative or Disposed of Security (D)

(Instr. 3, 4, and 5)

Code V (A) (D) Date Expiration Title Amount or

Exercisable Date

> Number of Shares

Option to

purchase common

\$ 1.65 07/23/2009 A 20,000 08/23/2009 07/23/2015

Common 20,000 stock

stock (1)

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Hsu Chi-Ping

755 N. MATHILDA AVE. X

SUNNYVALE, CA 94085

Signatures

/s/ Chi-Ping Hsu

07/24/2009

**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) Options vest at the rate of 8.333% per month.

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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