

MERCURY COMPUTER SYSTEMS INC
 Form 4/A
 October 03, 2008

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *
ASLETT MARK

2. Issuer Name and Ticker or Trading Symbol
MERCURY COMPUTER SYSTEMS INC [MRCY]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
199 RIVERNECK ROAD
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
01/28/2008

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
President and CEO

CHELMSFORD, MA 01824
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)
01/29/2008

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)
			Code	V	Amount or (D) Price		
Common Stock	01/28/2008		P		1,500 (1) \$ 8.3187	115,785	D
Common Stock	01/28/2008		P		2,000 \$ 8.389	117,785	D
Common Stock	01/28/2008		P		1,500 \$ 8.466	119,285	D
Common Stock	01/28/2008		P		2,000 \$ 8.4955	121,285	D
Common Stock	01/28/2008		P		1,500 \$ 8.515	122,785	D

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