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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person

ASLETT MARK

(Street) ANDOVER MA 01810

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

MERCURY SYSTEMS INC [ MRCY ]

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

09/22/2020

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


5. Relationship of Reporting Person(s) to Issuer

X Director

10% Owner

X Officer (give title below)

President and CEO

Officer (give title)

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

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>2A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 5)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>09/22/2020</td>
<td></td>
<td>S</td>
<td>1,500 (3) D</td>
<td>$76,3702 (3)</td>
<td>D</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>09/23/2020</td>
<td></td>
<td>S</td>
<td>1,500 (3) D</td>
<td>$76,993 (3)</td>
<td>D</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>09/24/2020</td>
<td></td>
<td>S</td>
<td>1,500 (3) D</td>
<td>$75,9597 (3)</td>
<td>D</td>
<td>D</td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Transaction Date (Month/Day/Year)</th>
<th>3A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 5)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
</table>

Explanation of Responses:

1. Pursuant to a 10b5-1 stock trading plan established on August 7, 2020.

2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $75.92 to $76.88, inclusive.

3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $76.52 to $77.46, inclusive.

4. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $74.73 to $77.06, inclusive.

Remarks:

/s/ Michelle McCarthy,
Attorney-in-Fact for Aslett Mark
09/24/2020

** Signature of Reporting Person Date

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

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).


Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.