FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, D | C. 20549 |
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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

OMB APPROVAL 3235-0287 Estimated average burden hours per response: 0.5

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* CAMBRIA CHRISTOPHER C | | | | | 2. Issuer Name and Ticker or Trading Symbol MERCURY SYSTEMS INC [MRCY] | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title Other (specify | | | | | |
|--|---|--|--|--|---|--|--------|---|----------------------------------|--|-----------------|----------|--|---|--|--|---|---|--|
| (Last) | (Last) (First) (Middle) 50 MINUTEMAN ROAD | | | | 3. Date of Earliest Transaction (Month/Day/Year) 08/17/2023 | | | | | | | | | X | belov | v) `` | below) usel & Secreta | | · |
| (Street) | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting | | | | | |
| (City) |) (State) (Zip) | | | | Rule 10b5-1(c) Transaction Indication | | | | | | | | | | | | | | |
| | | | | | | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | | | | | | | | | | | | | |
| | | Table | I - Non-De | rivati | ve S | Secui | rities | Ac | qui | red, C | Disposed | of, or | Benefic | ially | Own | ed | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | 2A. Deem Execution if any (Month/Da | | n Date | , T | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4 a | | | nd 5) Sed Bed Ow | | ount of ities icially d Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | | С | ode | v | Amount | nt (A) or Pric | | | Reported Transaction(s) (Instr. 3 and 4) | | (| | (111311. 4) | | |
| Common Stock 08/17/202 | | | | 2023 | | | | | A | | 9,844(1) | A | \$0 | \$0 | | 25,699 | D | | |
| Common Stock 08/17/202 | | | 2023 | 3 | | | | Α | | 12,032 ⁽²⁾ A | | \$0 | 137,731 | | D | | | | |
| Common | Common Stock 08/18/2023 | | | 2023 | | | | S | | 493(3) | D | \$37.44 | 37.4481 ⁽⁴⁾ | | 137,238 | | | | |
| Common | Stock | | | | | | | | | | | | | | | 449 | I | - 1 | 401K Plan |
| 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 Dat if any (Month/Day/Ye | e, Ti C | 4. Transaction Code (Instr. 8) S. Numb of Derivatir Securitic Acquire (A) or Dispose of (D) (Instr. 3, and 5) | | | | Expiration Date (Month/Day/Year) | | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4) | | rice of ivative urity tr. 5) | 9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Owners Form: Direct (I or Indire (I) (Instr | : t (D) lirect | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | С | Code V | | (A) | (D) | Date) Exercisable | | Expiration Date | on Title | Amount or Number of Shares | | | | | | |

Explanation of Responses:

- 1. These shares of restricted stock vest in equal annual increments over the three-year period following the grant date.
- 2. These shares of performance-based restricted stock vest between 0% and 225% of the amount listed in the table depending on the achievement of performance objectives for the three fiscal years ending
- 3. Represents shares sold as part of a sell-to-cover program to satisfy tax withholding obligations upon the vesting of stock awards.
- 4. Represents the per share price attributed to sales of shares on behalf of all participants under the sell-to-cover program on the transaction date indicated.

/s/ Michelle McCarthy, attorney-in-fact for 08/21/2023 Christopher C. Cambria

** 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).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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.