UNITED STATES

Form 144 Filer Information SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 144

FORM 144

NOTICE OF PROPOSED SALE OF SECURITIES

PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

144: Filer Information

Filer CIK 0001231657
Filer CCC XXXXXXXX
Is this a LIVE or TEST Filing? • LIVE • TEST

Submission Contact Information

Name Phone

E-Mail Address

144: Issuer Information

Name of Issuer MERCURY SYSTEMS INC

SEC File Number 001-41194

50 MINUTEMAN ROAD

Address of Issuer

ANDOVER

MASSACHUSETTS

01810

Phone 9782561300

Name of Person for Whose Account the Securities are To Be Sold ASLETT MARK

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

Relationship to Issuer Officer

144: Securities Information

Title of the Class of Securities To Be Sold Common

Fidelity Brokerage Services LLC

100 Summer Street

Name and Address of the Broker Boston

MA 02110

Number of Shares or Other Units To Be Sold 4685

Aggregate Market Value 252472.31

Number of Shares or Other Units Outstanding 58107888

Approximate Date of Sale 02/17/2023

Name the Securities Exchange NASDAQ

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

144: Securities To Be Sold

Title of the Class Common
Date you Acquired 02/16/2023

Nature of Acquisition Transaction Restricted Stock Vesting

Name of Person from Whom Acquired Issuer

Is this a Gift?

Checkbox Date Donor not checked Acquired

Amount of Securities Acquired 4685

Date of Payment 02/16/2023

Nature of Payment Compensation

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

144: Securities Sold During The Past 3 Months

Mark Aslett

50 Minuteman Road

Name and Address of Seller Andover

MA 01810

Title of Securities Sold Common

Date of Sale 02/16/2023

Amount of Securities Sold 4708 Gross Proceeds 255958.42

144: Remarks and Signature

Remarks

Date of Notice 02/17/2023

ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

Signature /s/ Ryan Riviere, as a duly authorized representative of Fidelity Brokerage Services LLC, as attorney-in-fact for Mark Aslett

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)