

PACIFIC BIOSCIENCES OF CALIFORNIA, INC.

Reported by
SHAPIRO LUCY

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 05/25/17 for the Period Ending 05/24/17

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|-------------|--|
| Address | 1305 O'BRIEN DRIVE MENLO PARK, CA 94025 |
| Telephone | 650-521-8000 |
| CIK | 0001299130 |
| Symbol | PACB |
| SIC Code | 3826 - Laboratory Analytical Instruments |
| Industry | Advanced Medical Equipment & Technology |
| Sector | Healthcare |
| Fiscal Year | 12/31 |

FORM 4

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

OMB APPROVAL
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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 or
Section 30(h) of the Investment Company Act of 1940

| | | | | | |
|--|--|--|--|---|--|
| 1. Name and Address of Reporting Person - Shapiro Lucy (Last) (First) (Middle) PACIFIC BIOSCIENCES OF CALIFORNIA, INC., 1305 O'BRIEN DRIVE (Street) MENLO PARK, CA 94025 (City) (State) (Zip) | | 2. Issuer Name and Ticker or Trading Symbol PACIFIC BIOSCIENCES OF CALIFORNIA, INC. [PACB] | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director _____ 10% Owner <input type="checkbox"/> Officer (give title below) _____ Other (specify below) | |
| | | 3. Date of Earliest Transaction (MM/DD/YYYY) 5/24/2017 | | | |
| | | 4. If Amendment, Date Original Filed (MM/DD/YYYY) | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. 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 | (A) or (D) | Price | | | |

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|----------------|-----------------------------------|---------------------------|---|--|-----|---|-----------------|---|----------------------------|--|--|--|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
| Stock Option (right to buy) | \$3.81 | 5/24/2017 | | A | | 25000 | | 6/24/2017 (L) | 5/24/2027 | Common Stock | 25000 | \$0.00 | 25000 | D | |

Explanation of Responses:

(1) The shares subject to the option will vest in equal monthly installments over a one year period.

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Shapiro Lucy PACIFIC BIOSCIENCES OF CALIFORNIA, INC. 1305 O'BRIEN DRIVE MENLO PARK, CA 94025 | X | | | |

Signatures

Stephen Moore, Attorney-in-fact for Lucy Shapiro

5/25/2017

**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 control number.