FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| | OMB Number: | 3235-0287 |
|---|--------------------------|-----------|
| ı | Estimated average burden | |
| ı | hours per response: | 0.5 |

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

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

| Name and Address of Reporting Person* Hollingshead James | | | 2. Issuer Name and Ticker or Trading Symbol RESMED INC [RMD] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | |
|--|---------|----------|--|---|--|-----------------------|--|--|--|
| (Last) (First) (Middle) C/O RESMED INC. | | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 10/29/2018 | | Officer (give title below) President, Amer | Other (specify below) | | | |
| 0001 CDECTRUM CENTER DI VID | | 92123 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indivi | dividual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| (City) | (State) | (Zip) | | | | | | | |

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. Transac Code (Ir 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported | (Instr. 4) | Beneficial Ownership |
|---------------------------------|--|---|---------------------------------|---|--|---------------|-------|--|------------|-------------------------|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| ResMed Common Stock | 10/29/2018 | | A | | 3,281(1) | A | \$0 | 73,904 | D | |

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

| - 1 | 1. Title of | 2. | 3. Transaction | 3A. Deemed | 4. | | 5. Number of | | 6. Date Exercisable and | | 7. Title and Amount of | | 8. Price of | 9. Number of | 10. | 11. Nature |
|-----|---------------------|-------------|------------------|------------------|----------|--------|--------------|----------|-------------------------|------------|------------------------|-----------|-------------|----------------|----------------|-------------|
| - 1 | Derivative | Conversion | Date | Execution Date, | Transac | tion | Derivat | ive | Expiration Da | ate | Securities U | nderlying | Derivative | derivative | Ownership | of Indirect |
| - 1 | Security (Instr. 3) | or Exercise | (Month/Day/Year) | if any | Code (In | ıstr. | Securit | ies | (Month/Day/Y | 'ear) | Derivative Se | curity | Security | Securities | Form: | Beneficial |
| - 1 | | Price of | | (Month/Day/Year) | 8) | | Acquire | ed (A) | | | (Instr. 3 and | 4) | (Instr. 5) | Beneficially | Direct (D) | Ownership |
| - 1 | | Derivative | | | | | or Disp | osed of | | | | | | Owned | or Indirect | (Instr. 4) |
| - 1 | | Security | | | | | (D) (Ins | tr. 3, 4 | | | | | | Following | (I) (Instr. 4) | |
| - 1 | | | | | | and 5) | | and 5) | | | | l | | Reported | | |
| - 1 | | | | | | | | | | | | | 1 | Transaction(s) | | |
| - 1 | | | | | | l | | | | | | Amount | | (Instr. 4) | | |
| -1 | | | | | | l | | | | | | or | | | | |
| -1 | | | | | | l | | | Date | Expiration | | Number | | | | |
| L | | | | | Code | ٧ | (A) | (D) | Exercisable | Date | Title | of Shares | | | | |

Explanation of Responses:

1. Represents performance-based restricted stock units granted on November 16, 2017. The shares were earned on October 29, 2018, when the compensation committee certified that the performance metrics were met. The earned units remain subject to time-vesting requirements, and are scheduled to vest on the three-year anniversary of the grant, assuming continued service through the vesting date.

James R. Hollingshead, President, 10/30/2018 Sleep Business

** Signature of Reporting Person

Date

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

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.

^{*} 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).