Sodhi Rajwant Form 4 November 14, 2017

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

if no longer subject to Section 16. Form 4 or Form 5

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Sodhi Rajwant

(First) (Middle)

(Last)

9001 SPECTRUM BLVD

SAN DIEGO, CA 92123

ResMed

Common

11/10/2017

(Street)

Filed(Month/Day/Year)

2. Issuer Name and Ticker or Trading

Symbol

3. Date of Earliest Transaction

RESMED INC [RMD]

(Month/Day/Year) 11/10/2017

4. If Amendment, Date Original

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

response... 0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify

below) below)

President, SaaS Business

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

D

Person

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Form: Direct Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially (D) or Beneficial (Month/Day/Year) Owned Indirect (I) Ownership (Instr. 8) Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price ResMed F 688 (1) D Common $29,472 \stackrel{(2)}{=} \stackrel{(3)}{=}$ D 11/10/2017 83 06 Stock ResMed 1,227 Common 11/10/2017 F D 28,245 D 83.06 Stock ResMed 1,363 Common 11/10/2017 F 26,882 D Stock

361 (6) D

\$

83.06

26,521

F

Stock

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

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.

SEC 1474

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9. Nu

Deriv

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate Amou		it of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ	e		Securit	ies	(Instr. 5)
	Derivative				Securities	3		(Instr. 3	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									A	
									Amount	
						Date Exercisable	Expiration Date		or	
									Number	
				G 1 1	7 (1) (5)				of	
				Code '	V (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Sodhi Rajwant 9001 SPECTRUM BLVD SAN DIEGO, CA 92123

President, SaaS Business

Signatures

Rajwant Sodhi

11/14/2017

**Signature of Date
Reporting Person

Explanation of Responses:

- * 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).
- (1) Disposition to issuer for tax withholding on vesting of performance-based Restricted Stock Units granted on 11/19/2014.
- (2) Includes 152 shares of ResMed stock purchased on October 31, 2017, through the ResMed Employee Stock Purchase Plan.
- (3) Corrects misstatement of shares reported. Certified outstanding shares totaled 6,528 for grant issued 11/19/2015 prior 16-b officer status.

(4) Disposition to issuer for tax withholding on vesting of performance-based Restricted Stock Units granted on 11/19/2015.

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- (5) Disposition to issuer for tax withholding on vesting of performance-based Restricted Stock Units granted on 11/16/2016.
- (6) Disposition to issuer for tax withholding on vesting of performance-based Restricted Stock Units granted on 12/16/2013.

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