Sodhi Rajwant Form 4/A December 18, 2017

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

OMB APPROVAL OMB

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5. Relationship of Reporting Person(s) to

Check this box if no longer subject to Section 16. Form 4 or

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

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Sodhi Rajwant Issuer Symbol RESMED INC [RMD] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

2. Issuer Name and Ticker or Trading

Director 10% Owner Other (specify X_ Officer (give title 9001 SPECTRUM BLVD 11/27/2017 below) below) President, SaaS Business

> (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person 11/27/2017 Form filed by More than One Reporting Person

SAN DIEGO, CA 92123

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose 4 and (A) or	d of (D)	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)
ResMed Common Stock	11/27/2017		A <u>(1)</u>	3,066 (2)	A	\$ 84.63	29,587	D	
ResMed Common Stock	11/27/2017		F	1,600 (3) (4)	D	\$ 84.63	26,556	D	

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

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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 Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date Expiration Exercisable Date	•	or Title Numl			
				C 1 W	(A) (D)		of				
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Sodhi Rajwant 9001 SPECTRUM BLVD SAN DIEGO, CA 92123

President, SaaS Business

Signatures

Reporting Person

Rajwant Sodhi 12/18/2017 **Signature of Date

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).
- Shares acquired on vesting of performance-based restricted stock units. The PSUs were granted November 19, 2014, with a three-year
- performance period. The shares were earned and vested November 27, 2017, when the ResMed compensation committee certified performance.
- (2) Shares earned based on performance at 57% of the target award.
- (3) Disposition to issuer for tax withholding on vesting of performance-based Restricted Stock Units granted on 11/19/2014.
- (4) Amendment to adjust netted shares at the correct tax rate.

Remarks:

Amends netted shares at the appropriate tax rate.

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.

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